

**ANTARES**

**CONTROL BOARD FOR  
SWINGING GATES WITH  
ONE OR TWO SWINGS  
230V**



**INSTALLER MANUAL**

READ THIS MANUAL CAREFULLY  
BEFORE PROCEEDING WITH THE INSTALLATION  
KEEP THIS MANUAL FOR FUTURE REFERENCE



**SOFT: V15**

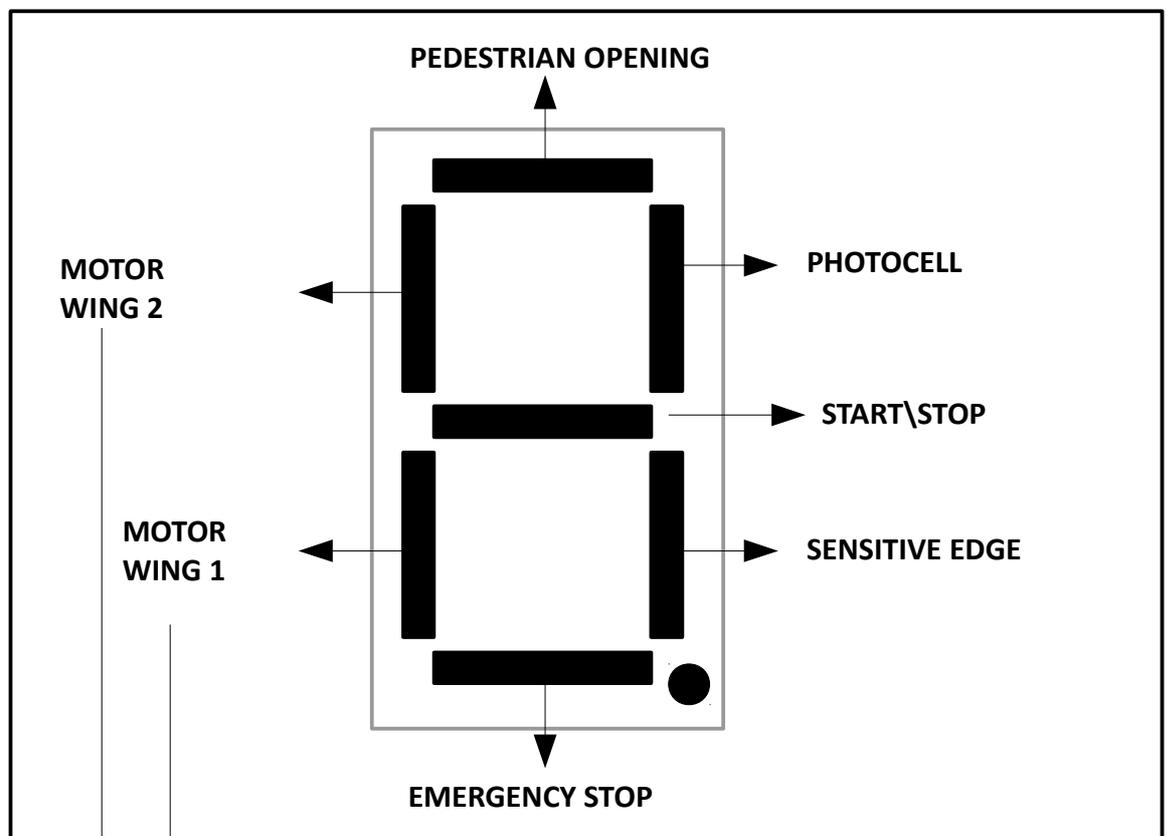
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## TECHNICAL SPECIFICATION

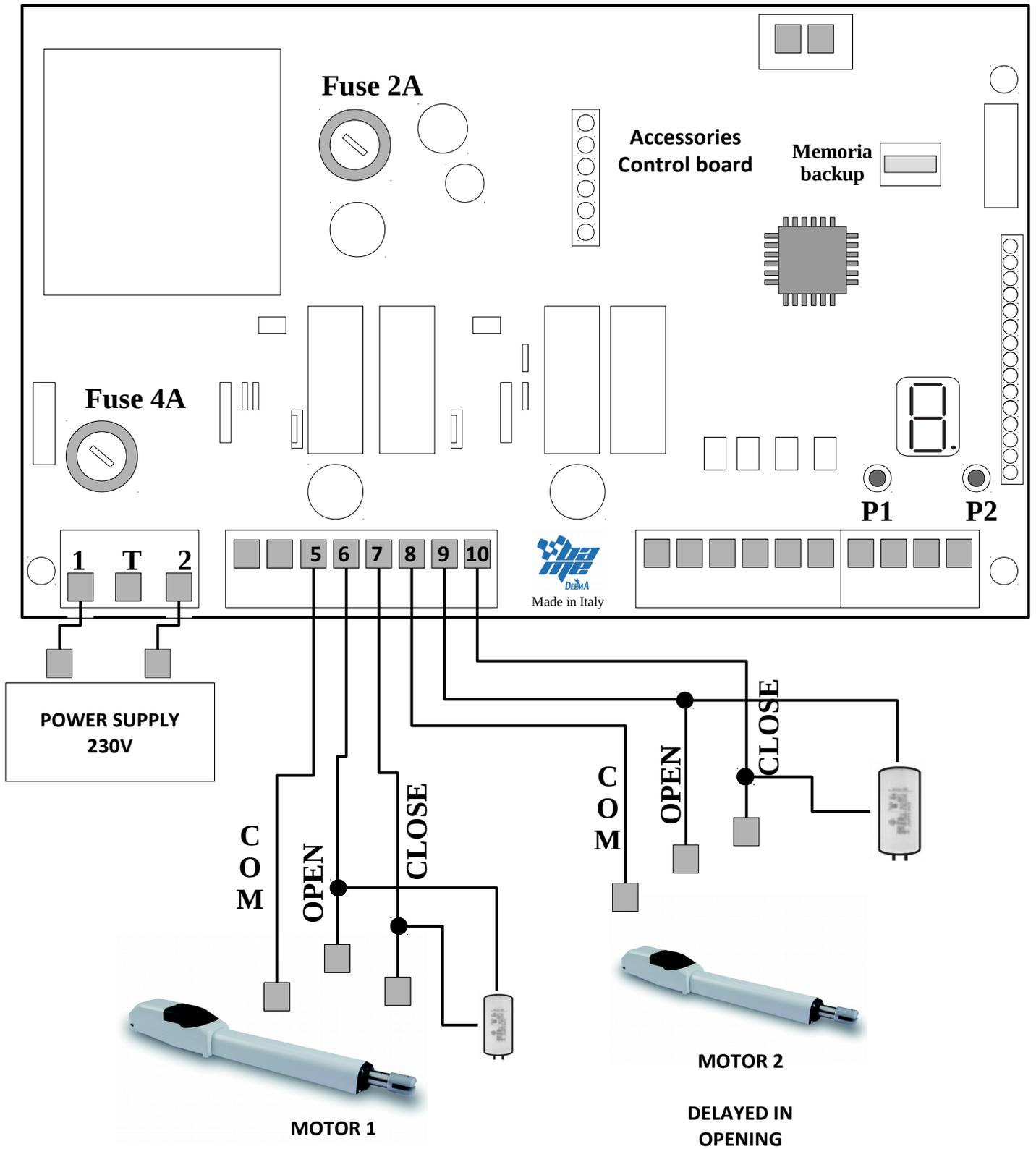
- . Power supply: 230VAC
- . Motors power supply: 230 VaC
- . Max pick current: 6 Ampere
- . Accessories power supply: 24 VDC - 500 mA protected by fuse
- . Working temperature: -20° C / + 55 °C
- . Rolling code receiver up to 200 memorizable remotes

## DISPLAY



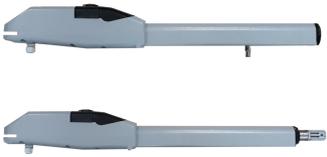
IF LED IS ON \_ WING IS CLOSED  
IF FLASHING \_ WING IS MOVING  
IF OFF \_ WING IS OPEN

# CONNECTIONS : MOTOR



## CONNECTIONS : MOTOR

1	POWER SUPPLY - 230 V
T	GROUND
2	POWER SUPPLY - 230 V

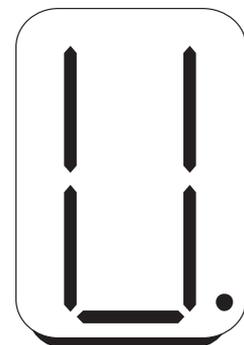
5	COMMON MOTOR 1	GREY	<b>KUDU\KUDU-S</b> 
6	OPEN MOTOR 1 + CAPACITOR	BLACK	
7	CLOSE MOTOR 1 + CAPACITOR	BROWN	
8	COMMON MOTOR 2	GREY	
9	OPEN MOTOR 2 + CAPACITOR	BLACK	
10	CLOSE MOTOR 2 + CAPACITOR	BROWN	

<b>TIGER 400 / 550</b> 	5	COMMON MOTOR 1	GREY
	6	OPEN MOTOR 1 + CAPACITOR	BLACK
	7	CLOSE MOTOR 1 + CAPACITOR	BROWN
	8	COMMON MOTOR 2	GREY
	9	OPEN MOTOR 2 + CAPACITOR	BROWN
	10	CLOSE MOTOR 2 + CAPACITOR	BLACK

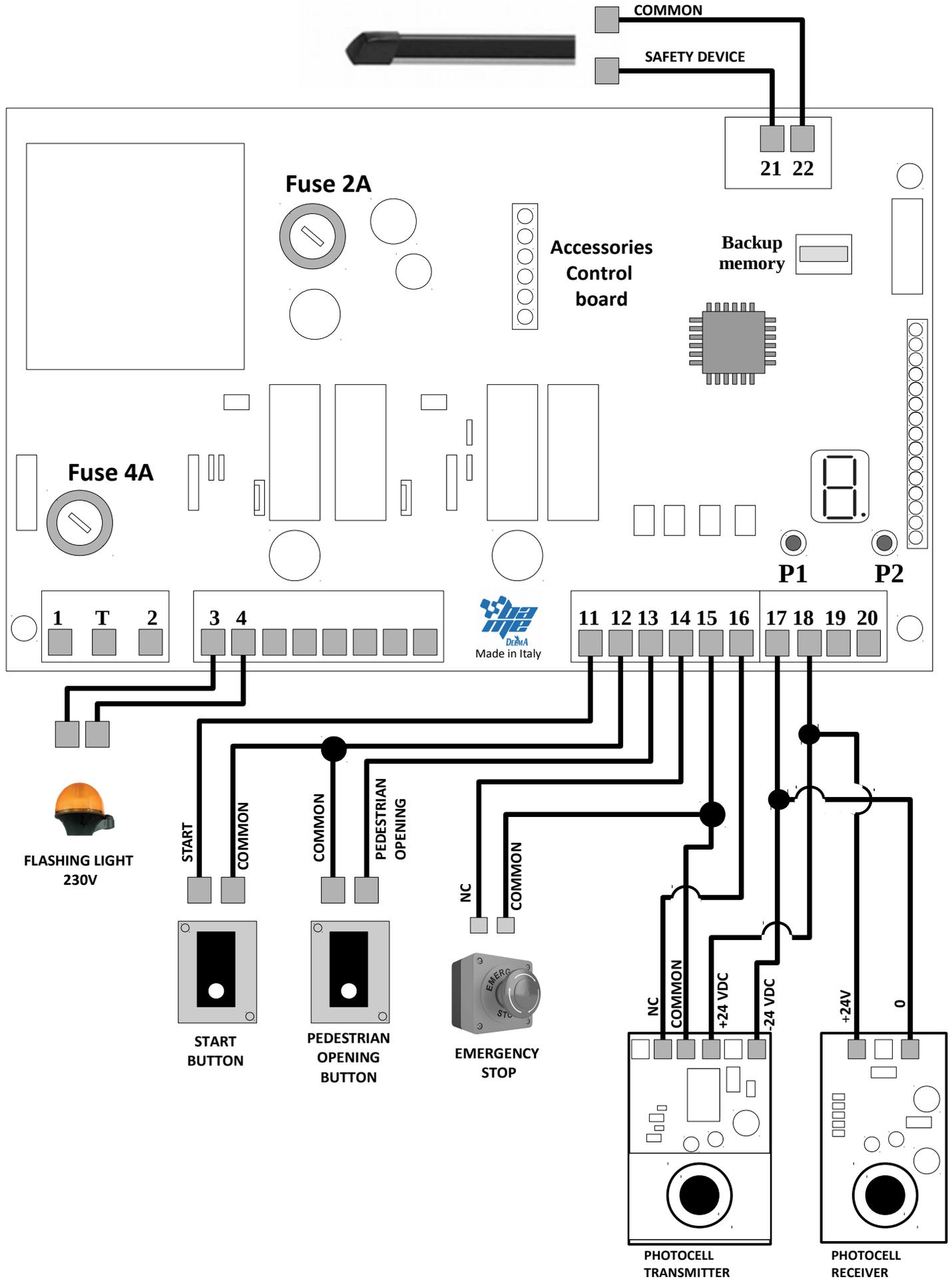
At the end of all operations, check the led on the display

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

Must be ON as in the image



# CONNECTIONS : ACCESSORIES



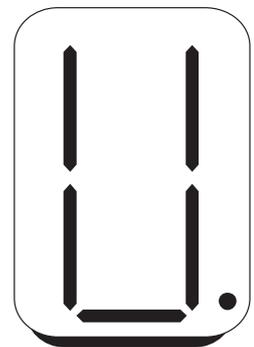
## CONNECTIONS : ACCESSORIES

3 - 4	Flashing light 230v	3. 230V 4. 230V
11 - 12	Start button	11. Start\stop <b>(NO)</b> 12. Common
12 - 13	Pedestrian opening	13. Pedestrian opening <b>(NO)</b> 12. Common
14 - 15	Emergency STOP	14. Stop <b>(NC)</b> 15. Common
15 - 16	Photocells	16. Photocells <b>(NC)</b> 15. Common
21-22	Pneumatic Safety device	21. Safety device <b>(NC)</b> 22. Common
<b>17 - 18</b>	<b>ACCESSORIES POWER SUPPLY</b>	<b>17. - 24VDC</b> <b>18. + 24VDC</b>
19 - 20	Antenna	19. Coaxial cable 20. Antenna
22-21	Courtesy Light	Dry contact for courtesy light MAX 5A-230V

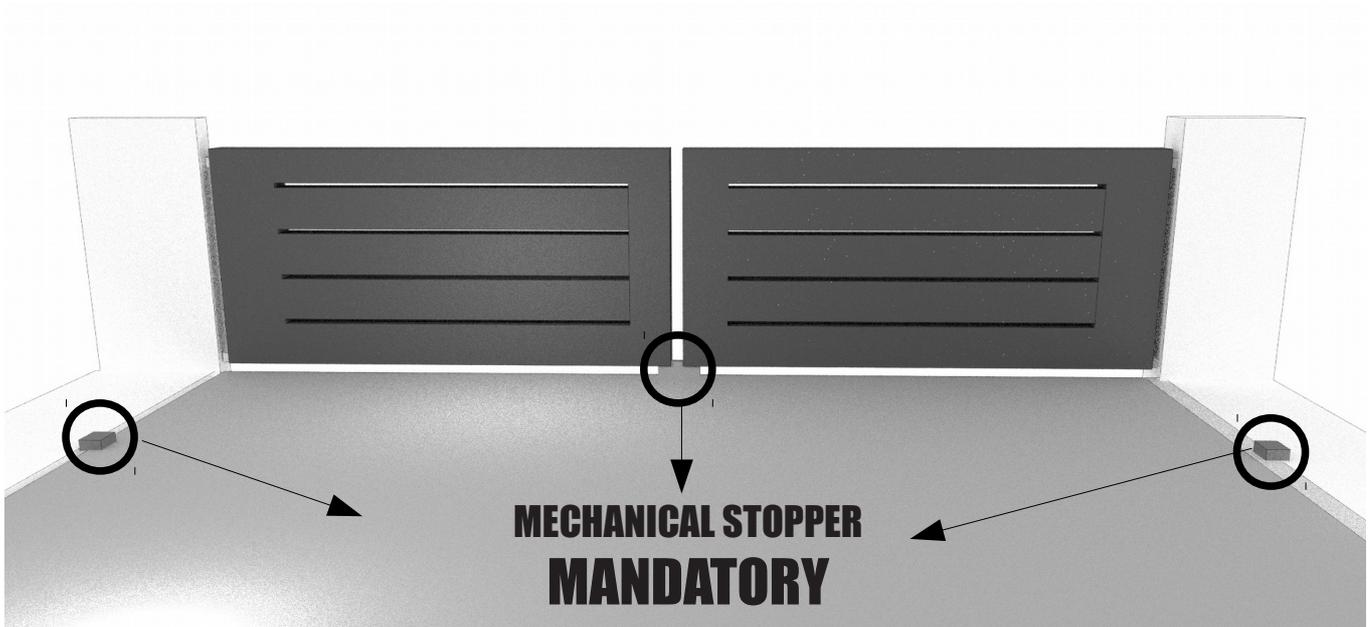
At the end of all operations, check the led on the display

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

**Must be ON as in the image**

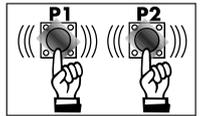


## PROGRAMMATION

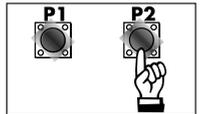
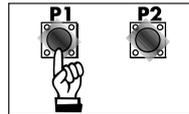


### 1\_ SETTING REMOTE CONTROL

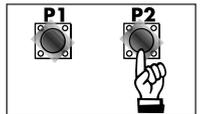
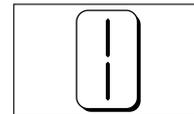
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



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



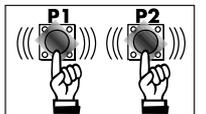
3. Display shows 1  
Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.

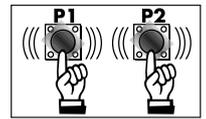


5. Add other remote controls or press P1+P2 to exit

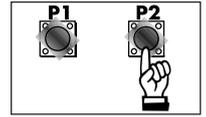
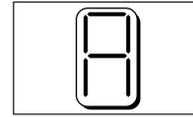


## 2 \_ SETTING WORKING TIME

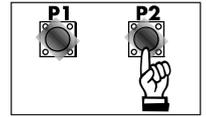
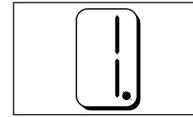
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



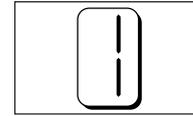
2. Display shows letter A  
Press P2 to confirm



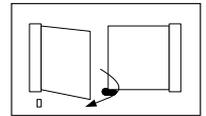
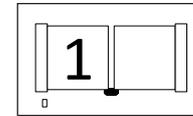
3. The display shows number 1 with a flashing point  
Press P2 to confirm.



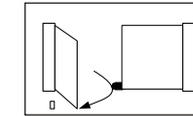
4. The display shows number 1  
Press button of the remote control



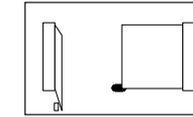
5. Motor 1 start opening



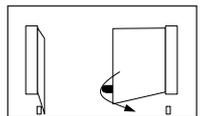
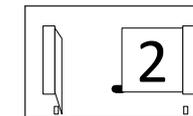
6. When the motor reach the desired slow down point  
Press the remote control.



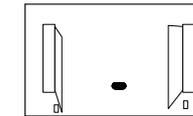
7. When the motor reach the mechanical stopper  
Press the remote control.



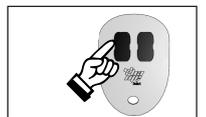
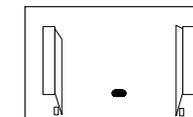
8. **Automatically** the motor 2 start opening



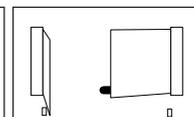
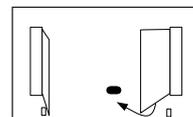
9. When the motor reach the desired slow down point  
Press the remote control.



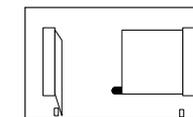
10. When the motor reach the mechanical stopper  
Press the remote control.



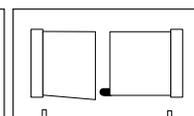
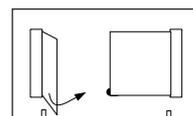
11. **Automatically** the motor 2 start closing  
When the motor reach the desired slow down point  
Press the remote control.



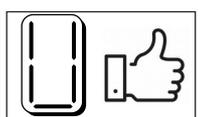
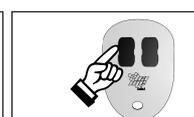
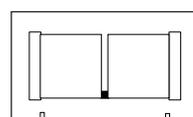
12. When the motor reach the mechanical stopper  
Press the remote control.



11. **Automatically** the motor 1 start closing  
When the motor reach the desired slow down point  
Press the remote control.



12. When the motor reach the mechanical stopper  
Press the remote control.  
Display shows letter U – **PROGRAMMATION COMPLETED**

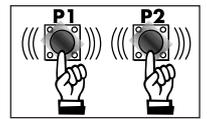


## PROGRAMMATION 1 WING

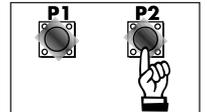


### 1\_ SETTING 1 WING

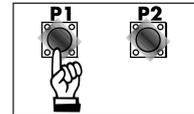
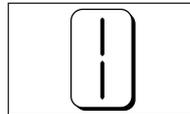
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



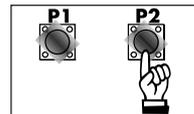
2. Display shows letter A  
Press P2 to confirm.



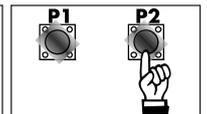
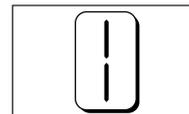
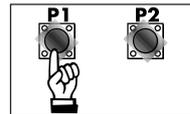
3. Display shows 1  
Press P1 to slide to 2



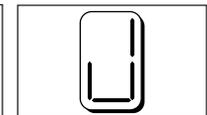
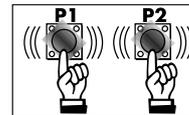
4. Press P2 to confirm  
Display shows 2



5. Press P1 to slide to 1

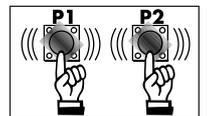


5. Press P1+P2 to exit  
Display shows 1 wing now

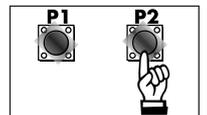
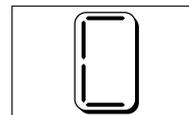
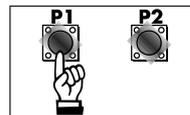


### 1\_ SETTING REMOTE CONTROL

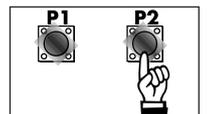
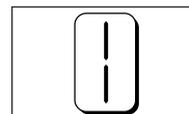
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



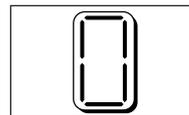
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display.  
Press P2 to confirm.



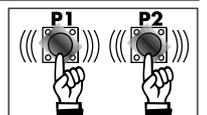
3. Display shows 1  
Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.

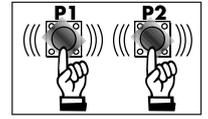


5. Add other remote controls or press P1+P2 to exit

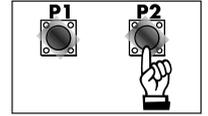
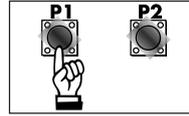


## 2\_ SETTING REMOTE CONTROL

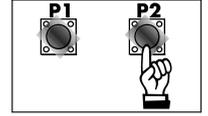
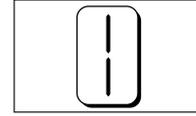
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



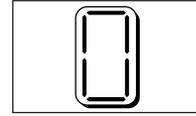
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



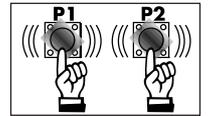
3. Display shows 1  
Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.

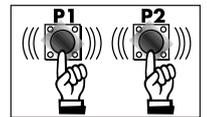


5. Add other remote controls or press P1+P2 to exit

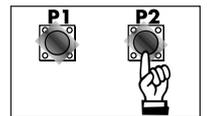


## 3\_ SETTING WORKING TIME

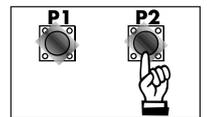
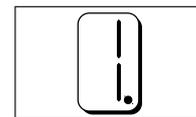
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



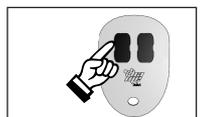
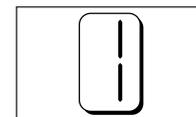
2. Display shows letter A  
Press P2 to confirm



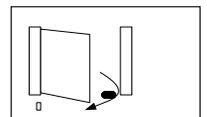
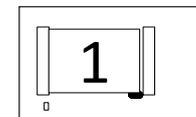
3. The display shows number 1 with a flashing point  
Press P2 to confirm.



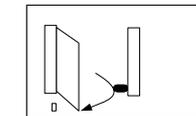
4. The display shows number 1  
Press button of the remote control



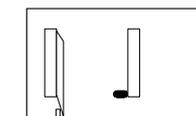
5. Motor 1 start opening



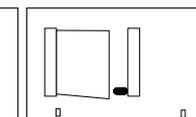
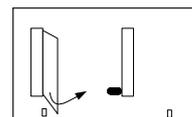
6. When the motor reach the desired slow down point  
Press the remote control.



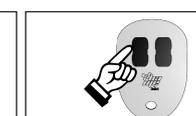
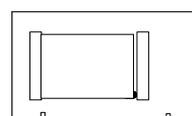
7. When the motor reach the mechanical stopper  
Press the remote control.



8. **Automatically** the motor 1 start closing  
When the motor reach the desired slow down point  
Press the remote control.



9. When the motor reach the mechanical stopper  
Press the remote control.  
Display shows letter U – **PROGRAMMATION COMPLETED**

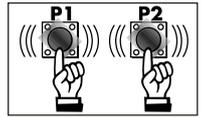


## T1 : SETTING MOTOR TORQUE

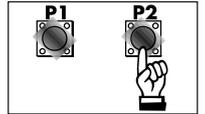
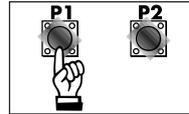
As shown in the chart, the parameter T1 controls the motor torque during the normal running phase. You can select the value from 0 (maximum power) to 9 (minimum power).  
Programming motor torque:

DISPLAY INDICATION	SECONDS
0	MAX
...	...
9	MIN

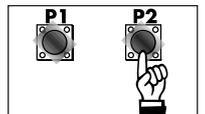
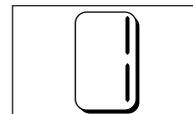
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



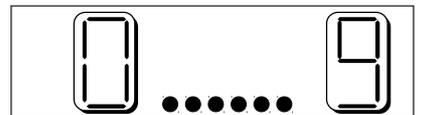
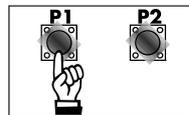
2. Slide the menu with P1 until the display shows letter T  
Press P2 to confirm.



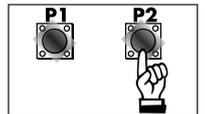
3. The display shows number 1.  
Press P2 to confirm



4. Slide the values among 0 and 9 with P1 until the desired value appears.



5. Press P2 to confirm.

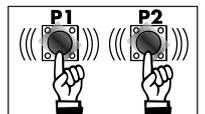


## T2 : SETTING SLOW DOWN TORQUE

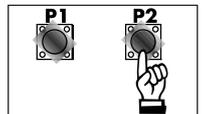
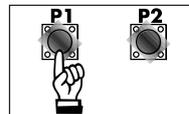
As shown in the chart, the parameter T2 controls the motor torque during the slow down phase. You can select the value from 0 (maximum power) to 9 (minimum power).

DISPLAY INDICATION	SECONDS
0	MAX
...	...
9	MIN

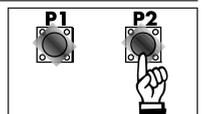
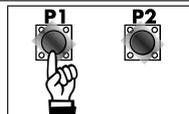
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



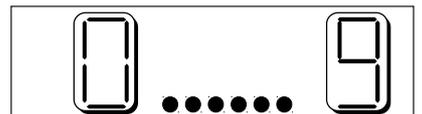
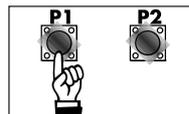
2. Slide the menu with P1 until the display shows letter T  
Press P2 to confirm.



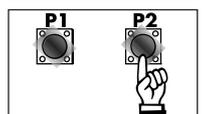
3. The display shows number 1.  
Press P1 to slide up to nr. 2  
Press P2 to confirm



4. Slide the values among 0 and 9 with P1 until the desired value appears.



5. Press P2 to confirm.

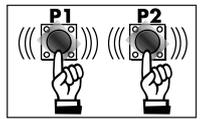


## t3 : EXTRA-TIME

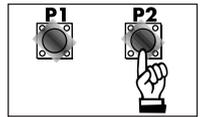
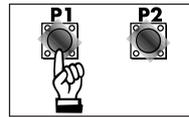
The parameter t3 increases the time of motor thrust during closing phase adding extra time to the one programmed. It is useful to compensate any differences in the opening and closing times in hydraulic motors or in the case of gates not properly functioning or balanced

DISPLAY INDICATION	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

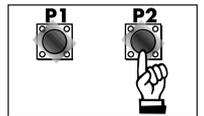
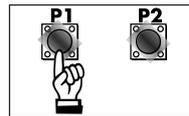
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



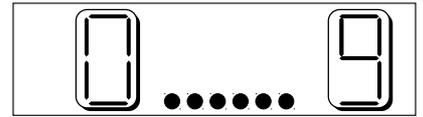
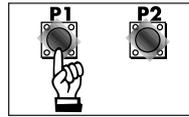
2. Slide the menu with P1 until the display shows letter T. Press P2 to confirm.



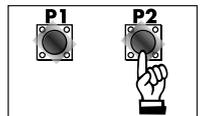
3. The display shows number 1. Slide the values with P1 until number 5 appears. Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears. (SEE CHART).



5. Press P2 to confirm.

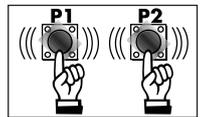


## t4 : SWING DELAY IN CLOSING

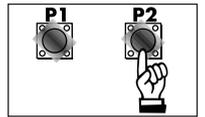
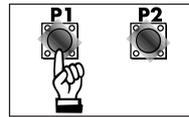
By programming t4, you set the delay time of swing n.2 in relation of swing n. 1 in the closing phase

DISPLAY INDICATION	SECONDS
0	0
1	3
2	4
3	5
4	6
5	7
6	8
7	10
8	12
9	14

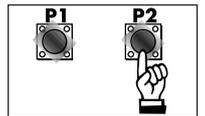
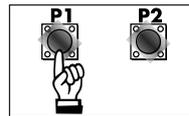
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



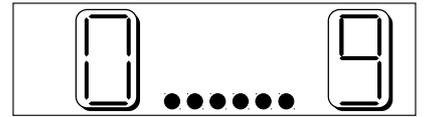
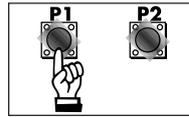
2. Slide the menu with P1 until the display shows letter T  
Press P2 to confirm.



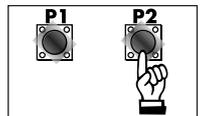
3. The display shows number 1. Slide the values with P1 until number 4 appears.  
Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).



5. Press P2 to confirm.

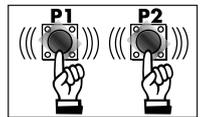


## t5 : PEDESTRIAN OPENING TIME

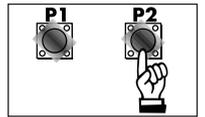
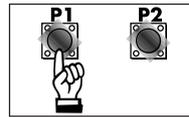
Programming t5 establishes the opening time of the pedestrian door by setting the working time of the motor.  
The working times of the motor that can be set are shown in the table

DISPLAY INDICATION	SECONDS
0	0
1	2
2	4
3	6
4	8
5	10
6	12
7	14
8	16
9	18

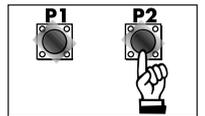
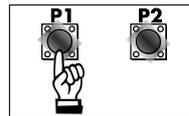
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



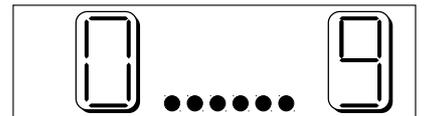
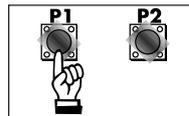
2. Slide the menu with P1 until the display shows letter T  
Press P2 to confirm.



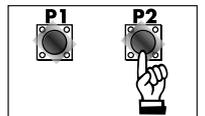
3. The display shows number 1. Slide the values with P1 until number 5 appears.  
Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).



5. Press P2 to confirm.

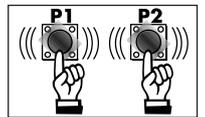


## T6 : AUTOMATIC CLOSING BY PHOTOCELL

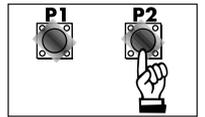
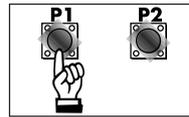
The parameter T6 sets the automatic closure time of the gate by means of photocell, i.e.: after the photocell is trespassed, the gate will be shut no matter the closure time set on the parameter T7.

DISPLAY INDICATION	SECONDS
0	OFF
1	3
2	6
3	9
4	12
5	15
6	18
7	21
8	24
9	27

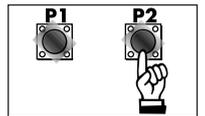
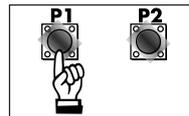
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



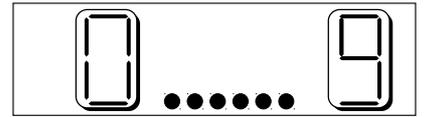
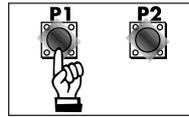
2. Slide the menu with P1 until the display shows letter T. Press P2 to confirm.



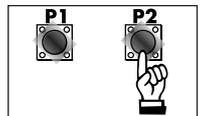
3. The display shows number 1. Slide the values with P1 until number 6 appears. Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears. (SEE CHART).



5. Press P2 to confirm.

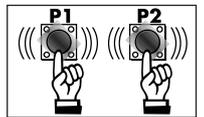


## t7 : AUTOMATIC CLOSING

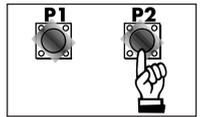
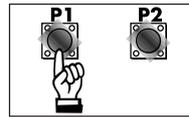
Programming t7 it is possible to establish an automatic closing time for the gate.

DISPLAY INDICATION	SECONDS
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	180
9	240

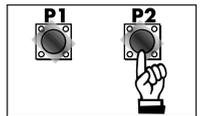
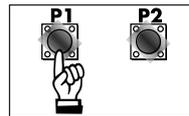
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



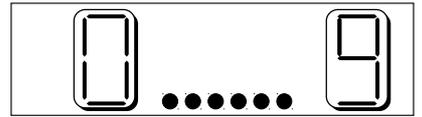
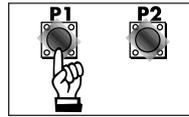
2. Slide the menu with P1 until the display shows letter T. Press P2 to confirm.



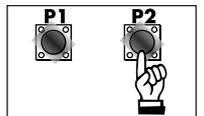
3. The display shows number 1. Slide the values with P1 until number 7 appears. Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).



5. Press P2 to confirm.

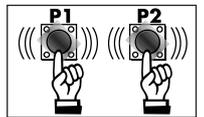


## t8 : COURTESY LIGHT

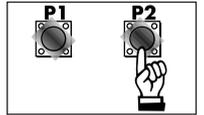
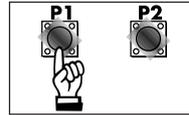
Parameter t8 controls the courtesy light timing.

DISPLAY INDICATION	SECONDS
0	OPEN GATE ALERT
1	30
2	60
3	90
4	120
5	150
6	180
7	210
8	240
9	270

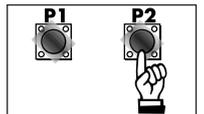
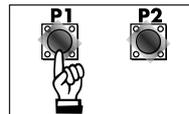
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



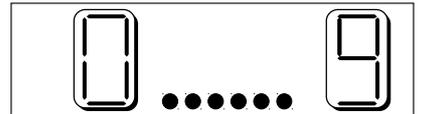
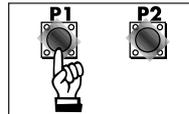
2. Slide the menu with P1 until the display shows letter T  
Press P2 to confirm.



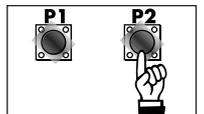
3. The display shows number 1. Slide the values with P1 until number 8 appears.  
Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).



5. Press P2 to confirm.

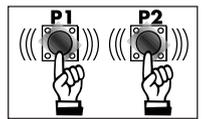


## t9 : AUTOMATIC CLOSING OF PEDESTRIAN OPENING

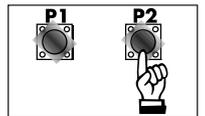
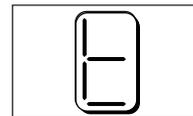
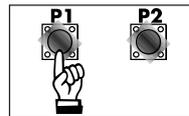
With t9, you can set the automatic lock time of the pedestrian gate

DISPLAY INDICATION	SECONDS
0	OFF
1	10
2	20
3	30
4	45
5	60
6	90
7	120
8	180
9	240

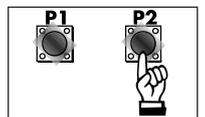
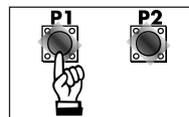
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



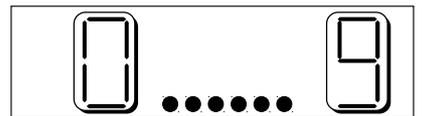
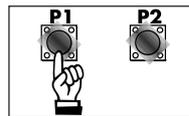
2. Slide the menu with P1 until the display shows letter T. Press P2 to confirm.



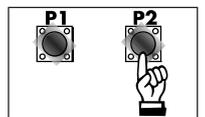
3. The display shows number 1. Slide the values with P1 until number 9 appears. Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).

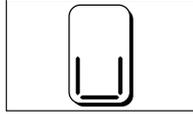


5. Press P2 to confirm.

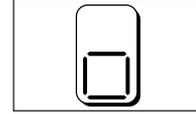


## Setting the remote control codes

NEW REMOTE

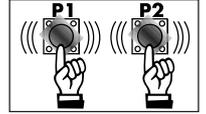


REMOTE ALREADY  
IN MEMORY

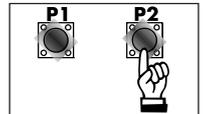
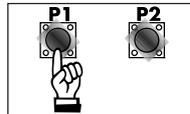


### Parameter C1: STEP BY STEP CODE ( open-stop-close-stop...)

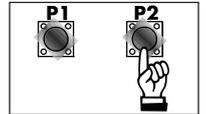
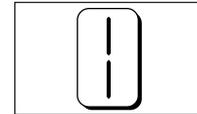
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



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



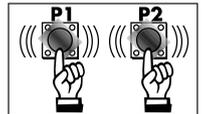
3. Display shows 1  
Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.

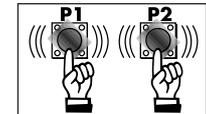


5. Add other remote controls or press P1+P2 to exit

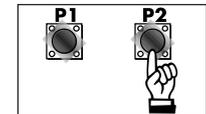
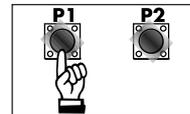


### Parameter C2: OPEN

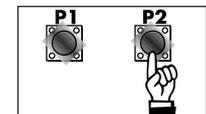
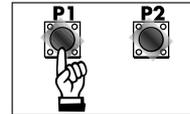
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



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



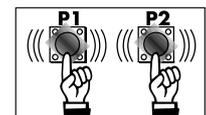
3. Display shows 1. Scroll the values with P1 until 2 will appear on the display. Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.

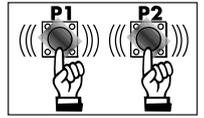


5. Add other remote controls or press P1+P2 to exit

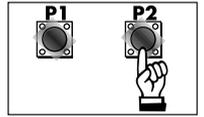
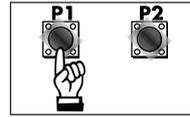


### Parameter C3: PEDESTRIAN OPENING

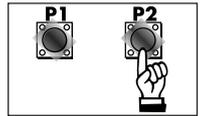
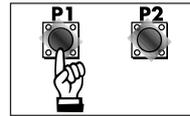
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



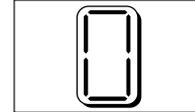
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



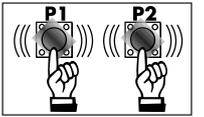
3. Display shows 1. Scroll the values with P1 until 3 will appear on the display. Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.



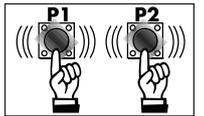
5. Add other remote controls or press P1+P2 to exit



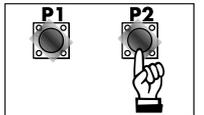
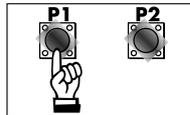
**ATTENTION !!!!! Set the opening time with parameter T7**

### Parameter C4: COURTESY LIGHT

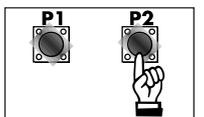
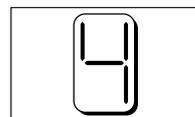
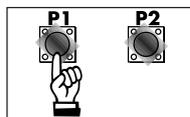
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



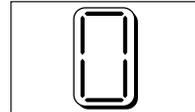
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



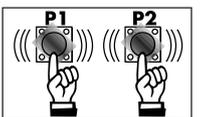
3. Display shows 1. Scroll the values with P1 until 4 will appear on the display. Press P2 to confirm.



4. Display shows 0 .  
Push the button on the remote to be learned.



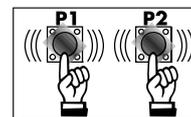
5. Add other remote controls or press P1+P2 to exit



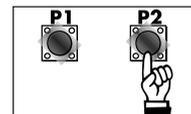
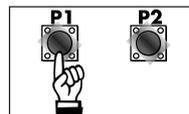
**ATTENTION !!!!! Set the opening time with parameter T6**

## Parameter C5: ERASING OF ALL REMOTE CONTROL CODES

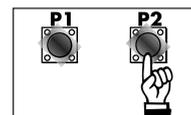
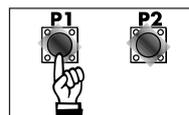
1. Press P1 and P2 simultaneously for three seconds to begin programming the board.



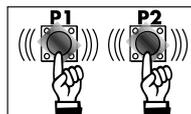
2. Letter A appear on the display. Scroll the menu with P1 until letter C appears on the display. Press P2 to confirm.



3. Display shows 1. Scroll the values with P1 until 5 will appear on the display. Press P2 to confirm.



4. Display shows 0 .  
Push P1 + P2 to confirm



5. All remotes has been deleted

# SECONDARY FUNCTIONS

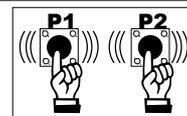
## F1: ELECTRIC LOCK

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:

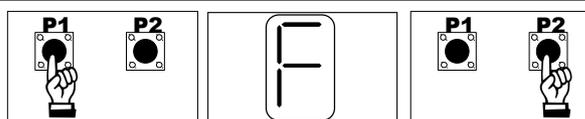
0 = DISABLED

1 = ENABLED

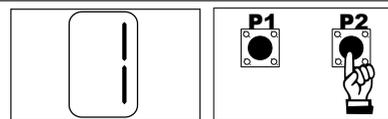
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



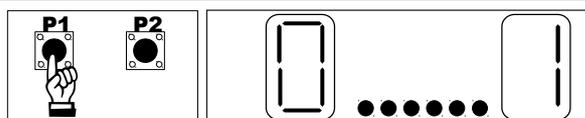
2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



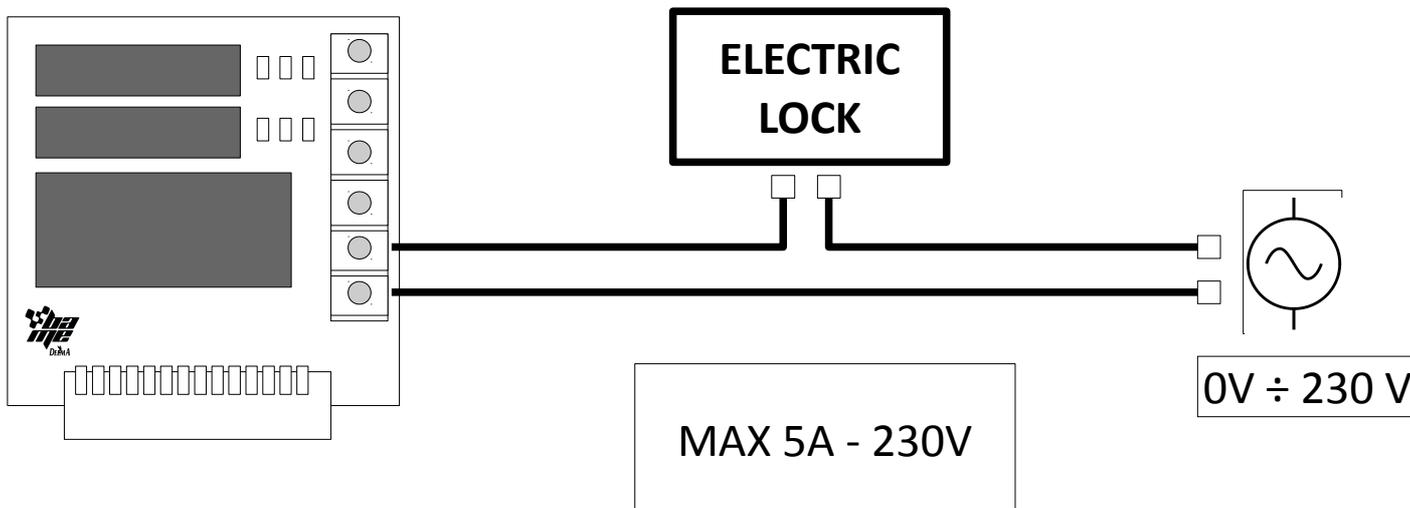
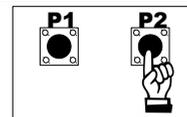
3. The display shows number 1.  
Press P2 to confirm.



4. Slide the values among 0 and 1 with P1 until the desired value appears.  
(SEE CHART).



5. Press P2 to confirm.



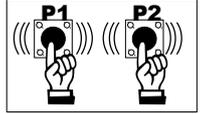
## F2 : PRE-BLINKING

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).

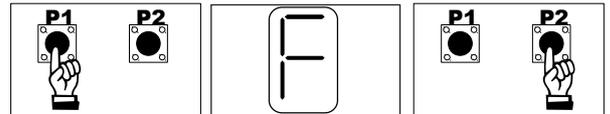
**0 = DISABLED**

**1 = ENABLED**

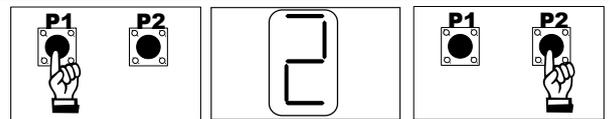
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



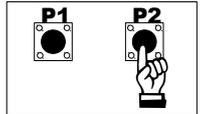
3. Slide the menu with P1 until the display shows 2  
Press P2 to confirm.



4. Slide the values among 0 and 1 with P1 until the desired value appears.



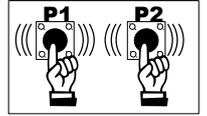
5. Press P2 to confirm.



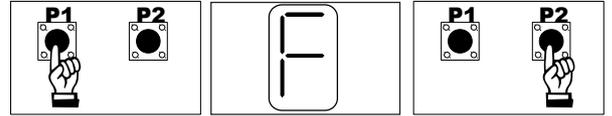
### F3 : RESET OF THE CONTROL BOARD

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

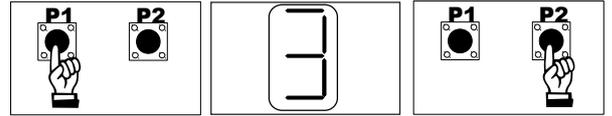
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



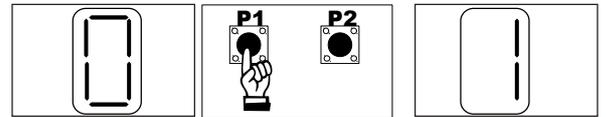
2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



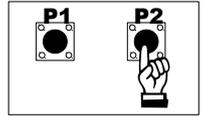
3. Slide the menu with P1 until the display shows 3  
Press P2 to confirm.



4. Display shows 0  
Slide the menu with P1 until the display shows 1



5. Press P2 to confirm.  
RESET COMPLETED

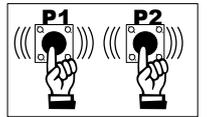


### F4 : PHOTOCELLS ENABLED DURING OPENING

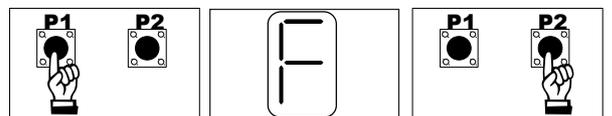
With this option it's possible to enable the photocells also during opening operations. The board default setting is 0, photocells not enabled during opening.

0 = DISABLED  
1 = ENABLED

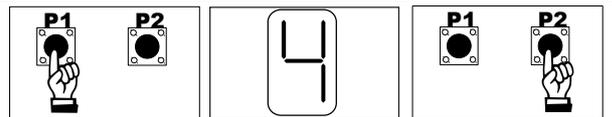
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



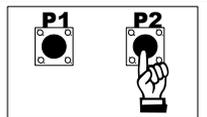
3. Slide the menu with P1 until the display shows 2  
Press P2 to confirm.



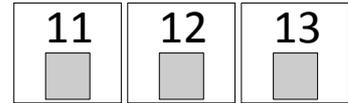
4. Slide the values among 0 and 1 with P1 until the desired value appears.



5. Press P2 to confirm.

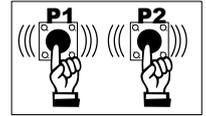


## F5 : CONFIGURATION INPUT START

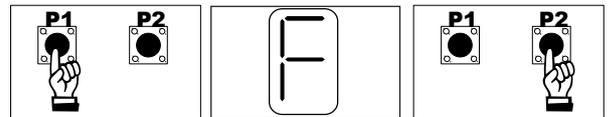


- 0 = STEP BY STEP – PEDESTRIAN OPENING
- 1 = OPEN - CLOSE
- 2 = STEP BY STEP - OPEN
- 3 = OPEN – CLOSE ( DEAD MAN )
- 4 = CLOCK\TIMER – PEDESTRIAN OPENING

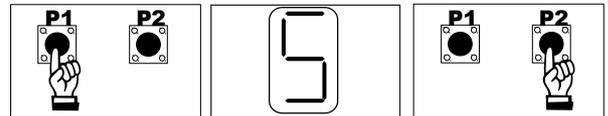
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.

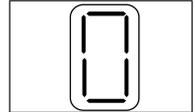


3. Slide the menu with P1 until the display shows 3  
Press P2 to confirm.



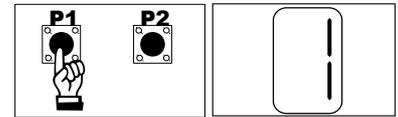
4. **STEP BY STEP – PEDESTRIAN OPENING**  
Press P2 to confirm.

- 11 \_ START (NO)
- 12 \_ COMMON
- 13 \_ PEDESTRIAN OPENING (NO)



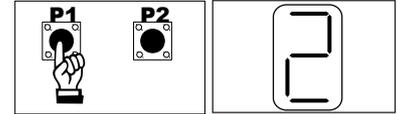
4. **OPEN - CLOSE**  
Scroll with P1 up to nr. 1

- 11 \_ OPEN (NO)
- 12 \_ COMMON
- 13 \_ CLOSE (NO)



4. **STEP BY STEP - OPEN**  
Scroll with P1 up to nr. 2

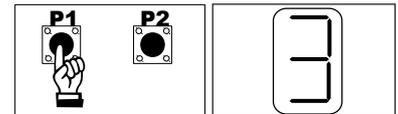
- 11 \_ START (NO)
- 12 \_ COMMON
- 13 \_ OPEN (NO)



4. **OPEN – CLOSE ( DEAD MAN )**  
Scroll with P1 up to nr. 3

- 11 \_ OPEN (NO)
- 12 \_ COMMON
- 13 \_ CLOSE (NO)

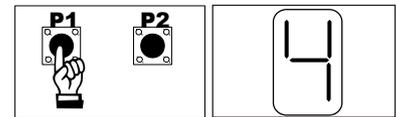
*The buttons OPEN\CLOSE must be pressed until reaching the open\close limit switch*



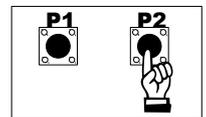
4. **CLOCK\TIMER – PEDESTRIAN OPENING**  
Scroll with P1 up to nr. 3

- 11 \_ CLOCK\TIMER (NO)
- 12 \_ COMMON
- 13 \_ PEDESTRIAN OPENING (NO)

*On the input CLOCK, it is possible to connect a timer\clock. Until the input is close from the timer, the gate is open and flashing light is off. When the contact has been released, the gate start closing after the pre-set automatic closing time.*



5. Press P2 to confirm.



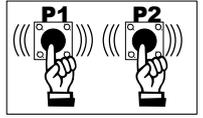
## F6 : FINAL PUSH

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

0 = DISABLED

1 = ENABLED

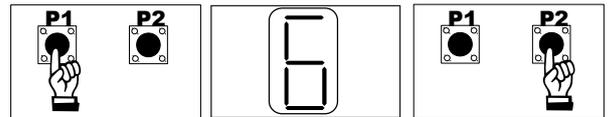
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



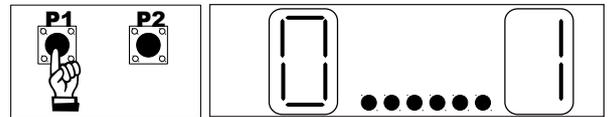
2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



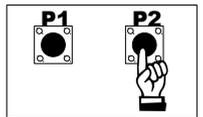
3. Slide the menu with P1 until the display shows 6  
Press P2 to confirm.



4. Slide the values among 0 and 1 with P1 until the desired value appears.



5. Press P2 to confirm.



## F7 : SETTING TORQUE OF FINAL PUSH

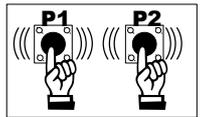
**Do not set high stroke with light gates**

0 = MIN

...

9 = MAX

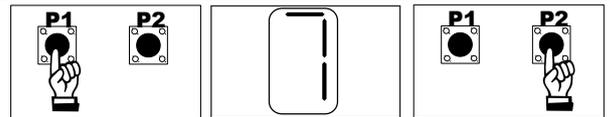
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.



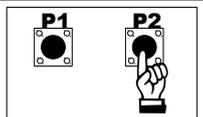
3. Slide the menu with P1 until the display shows 8  
Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.



5. Press P2 to confirm.

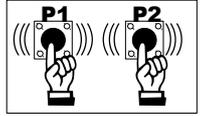


## F8 : SECURITY TEST \ PULSE ON OPENING

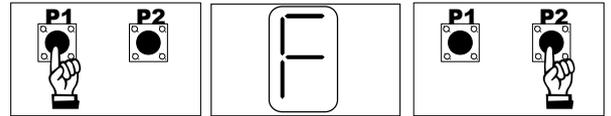
The control unit has a self-test function of the safeties connected to the CLAMP 15 input of the control unit; it switches off the transmitter to check the commutation of the corresponding receiver contact before the execution of each manoeuvre.

**0 = DISABLED**  
**1 = SECURITY TEST**  
**2 = PULSE ON OPENING**

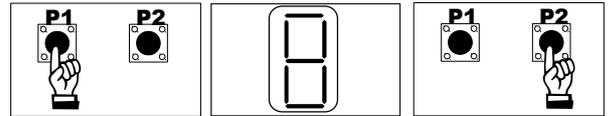
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



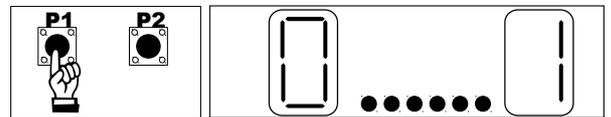
2. Slide the menu with P1 until the display shows letter F  
 Press P2 to confirm.



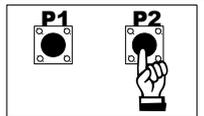
3. Slide the menu with P1 until the display shows 8  
 Press P2 to confirm.



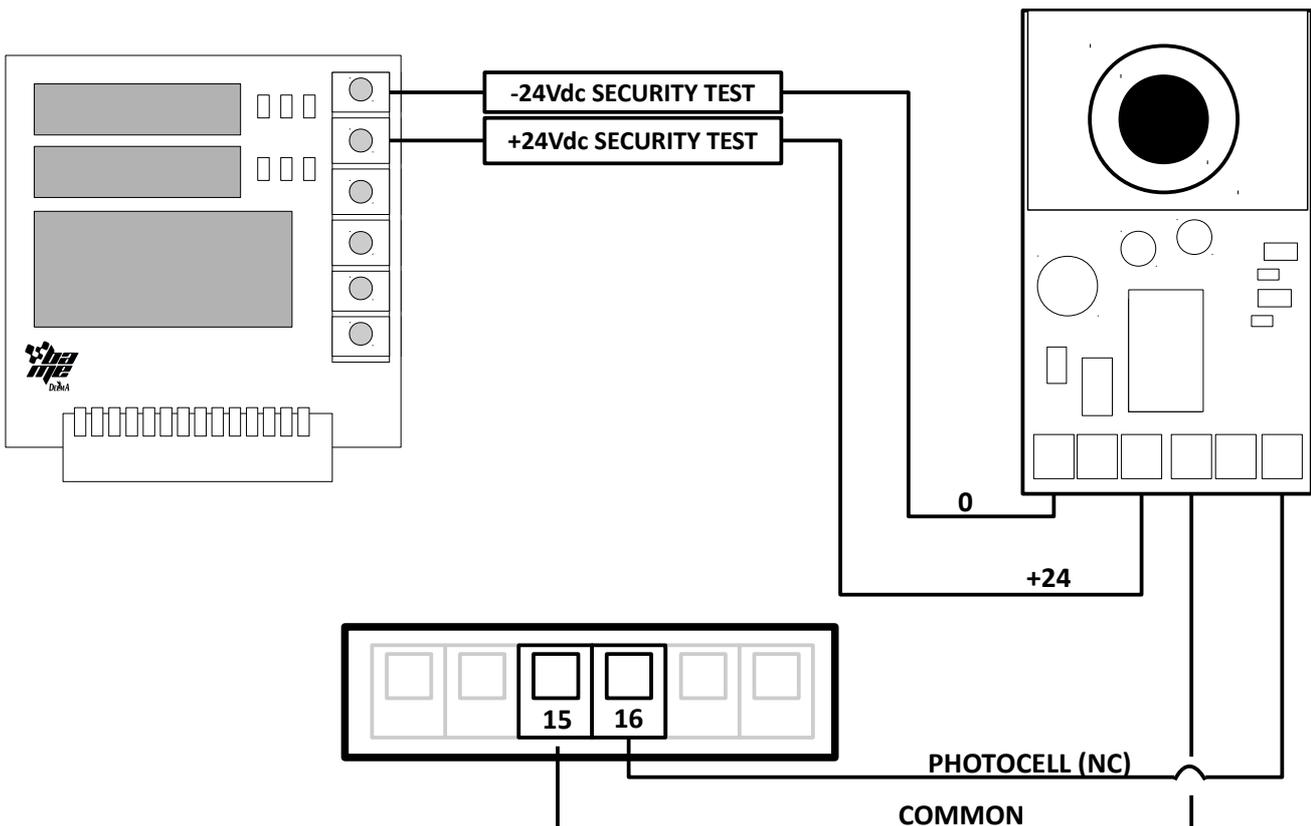
4. Slide the values among 0 and 1 with P1 until the desired value appears.



5. Press P2 to confirm.



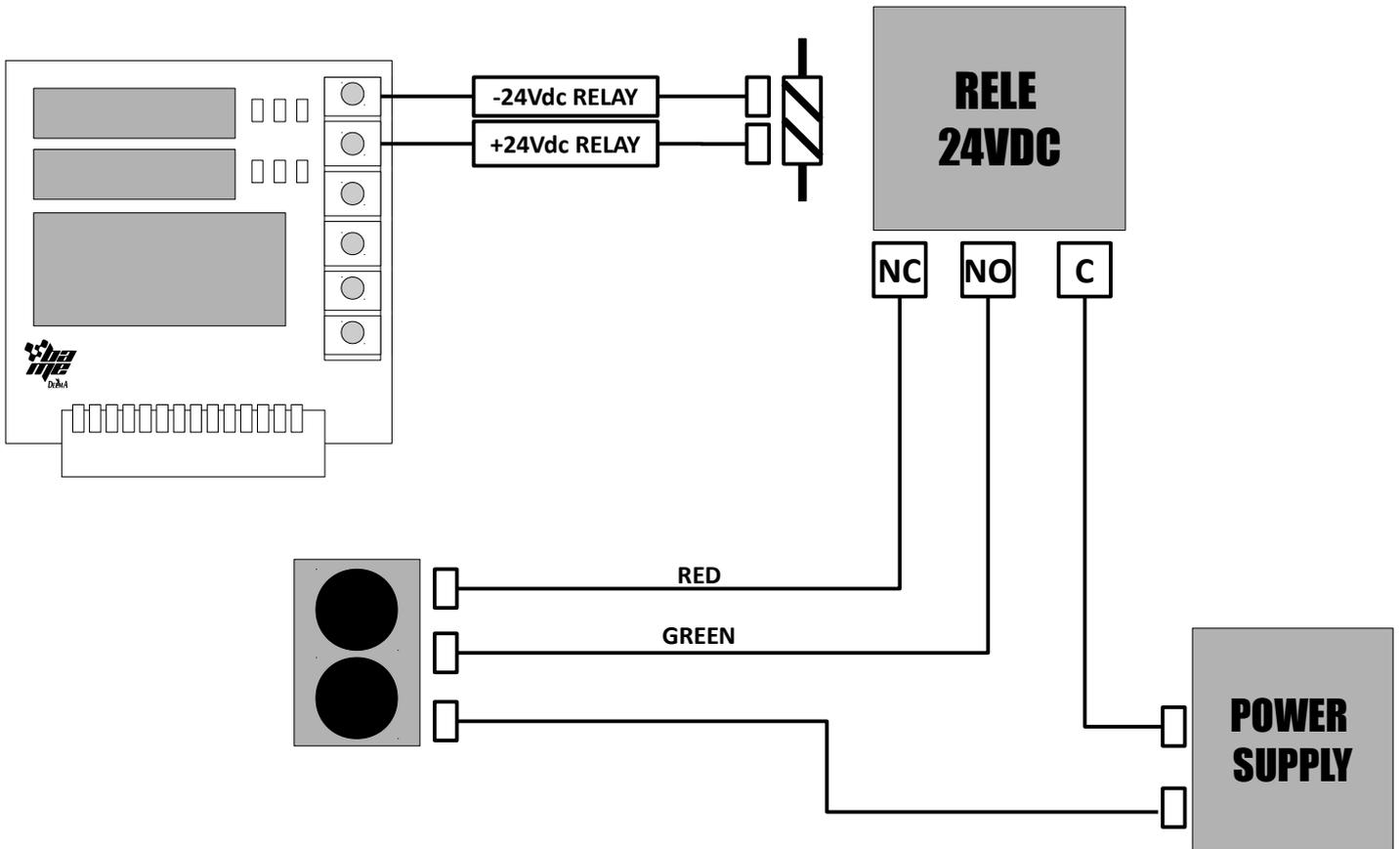
**F8=1**



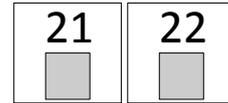
## F8 : SECURITY TEST \ PULSE ON OPENING

The control unit has a feature with which you can  
Get a 24V pulse when the door is open.  
It is usefull in case of connections of trafic lights

**F8=2**



## F9 : CONFIGURATION INPUT SAFETY EDGE



### 0 = SAFTEY EDGE

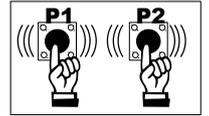
*BOTH DIRECTION: THE GATE STOP AND REVERSE FOR 2 SECONDS*

### 1 =PHOTOCELL ENABLED DURING OPENING

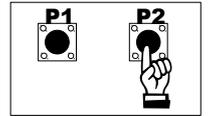
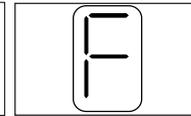
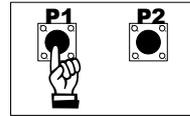
*DURING OPENING :THE GATE STOP UNTIL THE CONTACT IS OPEN AND CONTINUE OPENING ONCE RELEASED*

*DURING CLOSING :THE GATE REVERSE UNTIL THE LIMIT SWITCH*

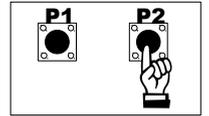
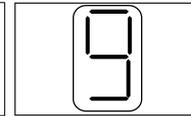
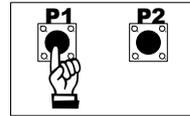
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



2. Slide the menu with P1 until the display shows letter F  
Press P2 to confirm.

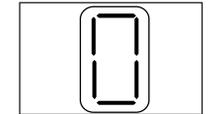


3. Slide the menu with P1 until the display shows 9  
Press P2 to confirm.



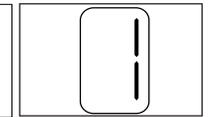
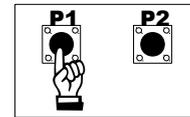
### 4. SAFTEY EDGE

Press P2 to confirm.

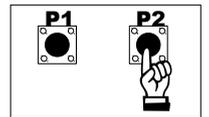


### 4. PHOTOCELL ENABLED DURING OPENING

Scroll with P1 up to nr. 1



5. Press P2 to confirm.

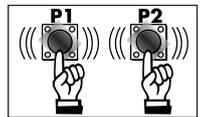


## A4: SWING DELAY IN OPENING

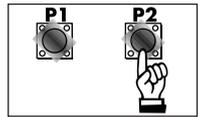
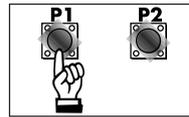
By programming A4, you set the delay time of swing n. 1 in relation to swing n. 2 in the opening phase,

DISPLAY INDICATION	SECONDS
0	0
1	3
2	4
3	5
4	6
5	7
6	8
7	10
8	12
9	14

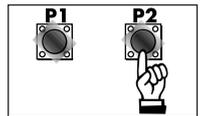
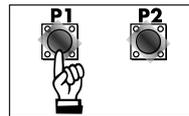
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



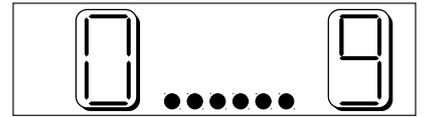
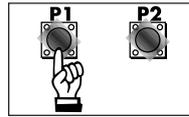
2. Slide the menu with P1 until the display shows letter A. Press P2 to confirm.



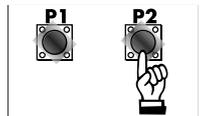
3. The display shows number 1. Slide the values with P1 until number 4 appears. Press P2 to confirm.



4. Slide the values among 0 and 9 with P1 until the desired value appears.  
(SEE CHART).



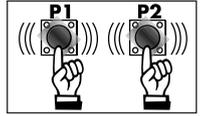
5. Press P2 to confirm.



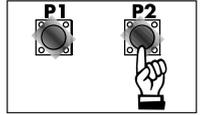
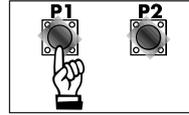
## A5: SAVE DATA ON BACKUP MEMORY

This function allow to save the DATA on the backup memory  
Remotes, timing, functions will be saved for future use

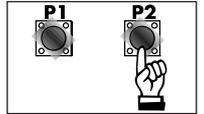
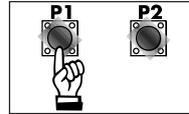
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



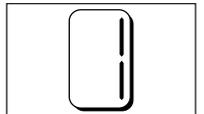
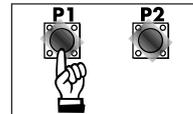
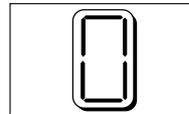
2. Slide the menu with P1 until the display shows letter A  
Press P2 to confirm.



3. The display shows number 1. Slide the values with P1 until number 5 appears.  
Press P2 to confirm.

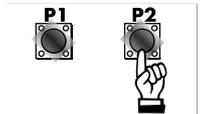


4. The display shows number 0. Slide the values with P1 until number 1 appears.  
Press P2 to confirm.



5. Press P2 to confirm.

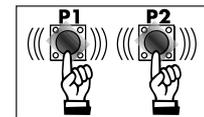
**DATA SAVED**



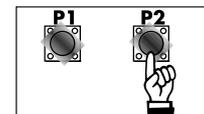
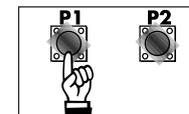
## A6: SAVE DATA ON BACKUP MEMORY

This function allow to RESTORE the DATA from the backup memory  
Remotes, timing, functions will be restored from the last save

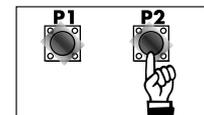
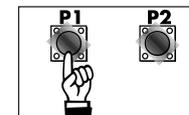
1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long



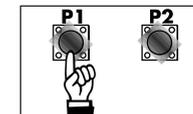
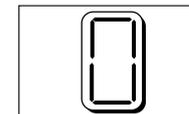
2. Slide the menu with P1 until the display shows letter A  
Press P2 to confirm.



3. The display shows number 1. Slide the values with P1 until number 6 appears.  
Press P2 to confirm.

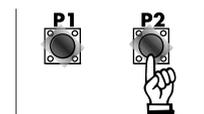


4. The display shows number 0. Slide the values with P1 until number 1 appears.  
Press P2 to confirm.



5. Press P2 to confirm.

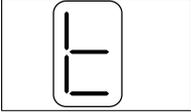
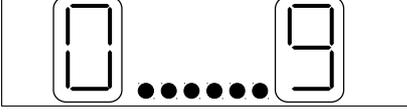
**DATA RESTORED**



## SHORTCUT - REMOTE CONTROL

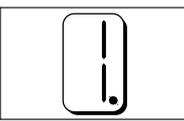
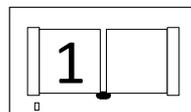
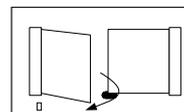
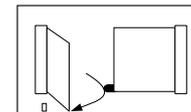
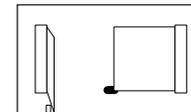
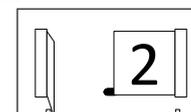
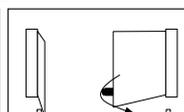
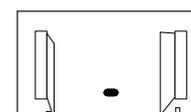
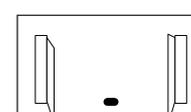
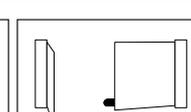
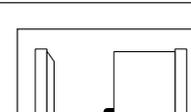
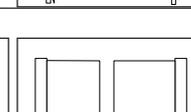
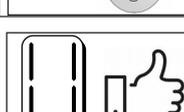
1	Press and hold P2 for 3 seconds	 
2	The display shows the value 0. Press the remote control button.	 
3	The display shows the letter U if the remote control is not already stored. The display shows the letter "o" if the remote control has already been stored.	 

## SHORTCUT - AUTOMATIC CLOSING TIME

1. Bring the control board to programming by pressing at the same time P1 and P2 for 3 seconds long	 																								
2. Slide the menu with P1 until the display shows letter T Press P2 to confirm.	    																								
3. The display shows number 1. Slide the values with P1 until number 7 appears. Press P2 to confirm.	    																								
4. Slide the values among 0 and 9 with P1 until the desired value appears. (SEE CHART).	  																								
5. Press P2 to confirm	 																								
<table border="1" data-bbox="95 1400 614 1624"> <thead> <tr> <th>DISPLAY</th> <th>SECONDI</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>DISATTIVATA</td> </tr> <tr> <td>1</td> <td>10</td> </tr> <tr> <td>2</td> <td>20</td> </tr> <tr> <td>3</td> <td>30</td> </tr> <tr> <td>4</td> <td>45</td> </tr> </tbody> </table> <table border="1" data-bbox="638 1400 1157 1624"> <thead> <tr> <th>DISPLAY</th> <th>SECONDI</th> </tr> </thead> <tbody> <tr> <td>5</td> <td>60</td> </tr> <tr> <td>6</td> <td>90</td> </tr> <tr> <td>7</td> <td>120</td> </tr> <tr> <td>8</td> <td>180</td> </tr> <tr> <td>9</td> <td>240</td> </tr> </tbody> </table>	DISPLAY	SECONDI	0	DISATTIVATA	1	10	2	20	3	30	4	45	DISPLAY	SECONDI	5	60	6	90	7	120	8	180	9	240	
DISPLAY	SECONDI																								
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6	90																								
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9	240																								



# SORTCUT - WORKING TIME PROGRAMMATION

<p>1. Press P1 for 3 seconds Displays shows <b>1</b> with flashing poin</p>		
<p>2. Press button on the remote control</p>		
<p>3. Motor 1 start opening</p>		
<p>4. When the motor reach the desired slow down point Press the remote control.</p>		
<p>5. When the motor reach the mechanical stopper Press the remote control.</p>		
<p>6. <b>Automatically</b> the motor 2 start opening</p>		
<p>7. When the motor reach the desired slow down point Press the remote control.</p>		
<p>8. When the motor reach the mechanical stopper Press the remote control.</p>		
<p>9. <b>Automatically</b> the motor 2 start closing When the motor reach the desired slow down point Press the remote control.</p>		
<p>10. When the motor reach the mechanical stopper Press the remote control.</p>		
<p>11. <b>Automatically</b> the motor 1 start closing When the motor reach the desired slow down point Press the remote control.</p>		
<p>12. When the motor reach the mechanical stopper Press the remote control. Display shows letter U – <b>PROGRAMMATION COMPLETED</b></p>		



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