VISUALIZZAZIONE	DESCRIZIONE	SOLUZIONE
Il diplay visualizza Err4	Quando viene dato un comando di start il cancello si apre solo parzialmente. Significa che il finecorsa non è stato rilasciato	Assicurarsi che i finecorsa siano collegati correttamente e che il cancello muovendosi permetta al finecorsa di aprirsi. Se i finecorsa non vengono utilizzati impostare il parametro FC.En = no
Il diplay visualizza Err9	Significa che la programmazione è stata bloccata con la chiave di blocco programmazione CL1+ (codice 161213).	Per procedere con la modifica delle impostazioni è necessario inserire nel connettore interfaccia ADI la stessa chiave usata per attivare il blocco programmazione e sbloccarla
Il diplay visualizza Er13	Il circuito di autodiagnosi ha rilevato un malfunzionamento che impedisce il funzionamento sicuro dell'automazione	Contattare il servizio di assistenza tecnica V2 per inviare la centrale in riparazione
Il diplay visualizza Er14	Il circuito di autodiagnosi ha rilevato un errore nella tabella dei parametri di configurazione	Entrare nel menù di configurazione, verificare attentamente tutti i parametri e correggere gli eventuali errori. Se l'errore persiste contattare il servizio di assistenza tecnica V2 per inviare la centrale in riparazione
Il diplay visualizza Er15	Il limite del ciclo di lavoro è stato superato	La centrale tornerà a funzionare regolarmente dopo una pausa forzata. In questa situazione è possibile comunque attivare l'automazione in modalità a uomo presente d'emergenza

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1 - IMPORTANT REMARKS

For any installation problem please contact our Customer Service at the number +39-0172.812411 operating Monday to Friday from 8:30 to 12:30 and from 14:00 to 18:00.

V2 has the right to modify the product without previous notice; it also declines any responsibility to damage or injury to people or things caused by improper use or wrong installation.

⚠ Please read this instruction manual very carefully before installing and programming your control unit.

- This instruction manual is only for qualified technicians, who specialize in installations and automations.
- The contents of this instruction manual do not concern the end user.
- Every programming and/or every maintenance service should be done only by qualified technicians.

AUTOMATION MUST BE IMPLEMENTED IN COMPLIANCE WITH THE EUROPEAN REGULATIONS IN FORCE:
EN 60204-1 (Machinery safety. electrical equipment of machines, part 1: general rules)
EN 12453 (Safe use of automated locking devices, test methods, requirements)

- The installer must provide for a device (es. magnetotermical switch) ensuring the omnipolar sectioning of the equipment from the power supply. The standards require a separation of the contacts of at least 3 mm in each pole (EN 60335-1).
- After making connections on the terminal board, use one hose clamp to fix dangerous voltage wires near the terminal board and another hose clamp to fix safety low voltage wires used for accessories connection; this way, in case of accidental detachment of a conducting wire, dangerous voltage parts will not come into contact with safety low voltage ones.
- The plastic case has an IP55 insulation; to connect flexible or rigid pipes, use pipefittings having the same insulation level.
- Installation requires mechanical and electrical skills, therefore it shall be carried out by qualified personnel only, who can issue the Compliance Certificate concerning the whole installation (EEC Directive 2006/42/CE, Annex IIA).
- The automated vehicular gates shall comply with the following rules: EN 12453, EN 12978 as well as any local rule in force.
- Also the automation upstream electric system shall comply with the laws and rules in force and be carried out workmanlike.
- The door thrust force adjustment shall be measured by means of a proper tool and adjusted according to the max. limits, which EN 12453 allows.
- We recommend to make use of an emergency button, to be installed by the automation (connected to the control unit STOP input) so that the gate may be immediately stopped in case of danger.
- Always remember to connect the earth according to current standards (EN 60335-1, EN 60204-1).



2 - DISPOSAL

As for the installation operations, even at the end of this product's life span, the dismantling operations must be carried out by qualified experts.

This product is made up of various types of materials: some can be recycled while others need to be disposed of.

Find out about the recycling or disposal systems envisaged by your local regulations for this product category.

Important! – Parts of the product could contain pollutants or hazardous substances which, if released into the environment, could cause harmful effects to the environment itself as well as to human health.

As indicated by the symbol opposite, throwing away this product as domestic waste is strictly forbidden. So dispose of it as differentiated waste, in accordance with your local regulations, or return the product to the retailer when you purchase a new equivalent product.

Important! – the local applicable regulations may envisage heavy sanctions in the event of illegal disposal of this product.

3 - DICHIARAZIONE UE DI CONFORMITÀ

Il fabbricante V2 S.p.A., con sede in
Corso Principi di Piemonte 65, 12035, Racconigi (CN), Italia

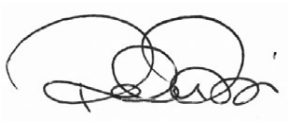
Dichiara sotto la propria responsabilità chei prodotti:
CX FLEXY

sono conformi alle seguenti direttive:

- 2014/30/EU (Direttiva EMC)
- 2014/35/EU (Direttiva Bassa Tensione)
- 2014/53/EU (Radio Directive)
- Direttiva RoHS-3 2017/2102

Inoltre il prodotto risulta conforme alle seguenti norme:
EN IEC 61000-6-2:2019, EN IEC 61000-6-3:2021
IEC 60335-1:2020

Racconigi, lì 01/03/2024
Il rappresentante legale della V2 S.p.A.
Roberto Rossi



PRODUCT COMPLIANCE WITH EU REGULATION 2023/826 (Standby)

This product complies with the criteria set out in the "Standby" regulation. The control panel goes into Standby Mode after one of its main functions ends.

This product has a 24 VDC (L3) output from which you can draw power for additional accessories.
This product has a ADI connector onto which accessory cards can be inserted for additional functions.

When calculating consumption in Standby Mode, the energy consumption of the accessories was not considered. Check the consumption of these accessories in the respective instructions.

4 - TECHNICAL SPECIFICATIONS

Power supply	85 ÷ 260 Vac - 50/60 Hz
Max motors load	700W
Max accessories load 24V	3W
Working temperature	-20 ÷ +55 °C
Protection fuse	F1 = 8A fast
Dimensions	170 x 185 x 70 mm
Weight	800 g
Protection	IP55

5 - DESCRIPTION OF THE CONTROL UNIT

The CX FLEXY control unit is an innovative V2 product guaranteeing safety and reliability for swing gate automation. The CX FLEXY design has been aimed at creating a product which adapts to suit all needs, thus obtaining an extremely versatile control unit satisfying all the necessary requirements for a functional and efficient installation.

- 230V / 120V power supplies for 2 single phase motors (700W global)
- Input for keyswitch or push-button.
- Input for safety photocell
- Input for safety edge, capable of handling standard edges with switch normally closed and conductive rubber edges with nominal resistance of 8.2 kOhms
- Inputs for open and close limit switches
- Pre-opening safety device testing
- Operation logic programmable via display menu
- Adjustment of motor power and operation time by menù
- Fitted 433.92 MHz radio receiver
- Possibility of saving 240 Personal Pass transmitters
- Display monitoring of inputs
- Courtesy light output.
- RJ45 connector to connect the control unit to the programmer PROG2 via standard network cable (UTP)
- IP55 casing

6 - INSTALLATION

Installation of the control unit, the safety devices and accessories must be performed with the power supply disconnected.

6.1 - POWER SUPPLY

The control unit must be powered by means of a 230 V - 50 Hz (or 120 V - 60 Hz) power line, depending on the model, protected by a differential magnetothermal switch in compliance with legal regulations.

Connect the power cables to the control unit **L** and **N** terminals.

6.2 - MOTORS

The control unit can control one or two asynchronous AC motors. If the control unit is used to control only one motor, then this must be connected to the terminals relating to motor 1 (the Mot parameter must be set to I)

Connect the cables for motor 1 as follows:

- Opening cable to terminal **Z1**
- Closing cable to terminal **Z3**
- Common return cable to terminal **Z2**
- Start-up capacitor between terminals **Z1** and **Z3**

Connect the cables for motor 2 (if present) as follows:

- Opening cable to terminal **Z4**
- Closing cable to terminal **Z6**
- Common return cable to terminal **Z5**
- Start-up capacitor between terminals **Z4** and **Z6**

6.3 - PHOTOCELLS

The control unit has a 24VDC power supply for photocells with switch normally closed, and can perform an operational test before to starting the gate opening procedure.

Based on the configuration of the Foto parameter, the photocells can only be active during closing (complete reopening of the gate), even with the gate stopped (prevents opening) or even during opening (the gate remains stopped until the photocell is reset).

Independently of the setting selected, when the gate is paused while opening, the time count for any automatic re-closure will only start after the photocell restores.

- Connect the photocell transmitter power cables between terminals **L10 (GND)** and **L11 (+)** on the control unit.
- Connect the photocell receiver power cables between terminals **L10 (GND)** and **L9 (+)** on the control unit.
- Connect the photocell receiver output between terminals **L4** and **L8** on the control unit.

6.4 - SAFETY EDGES + STOP

The control unit is equipped with an input that can alternatively manage a conductive rubber safety edge with nominal resistance 8,2 kohm or a stop button.

Based on the configuration of the CoSt parameter, the input can be configured to manage:

1. **Edge always active:**
   Intervention of the edge during opening or closing causes inversion of the direction of movement in order to free the body that caused the edge to intervene. The gate stops after approx. 3 seconds.
2. **Edge NOT active during opening:**
   Intervention of the edge during opening is ignored. Intervention of the edge during closing causes the gate to re-open completely.
3. **Stop button:**
   The stop command causes the gate to immediately block. The subsequent START command activates the gate in the opposite direction of travel. If the STOP command is given during opening or pause, there will be no subsequent automatic closing.

Connect the edge or stop device cables between terminals **L5** and **L8** of the control unit.

6.5 - BLINKER

The control unit requires the use of a 24VDC max 5W flashing light. Intermittency is managed by the control panel.

Connect the cables to terminals **B1 (+)** and **B2 (-)**.

6.6 - START INPUT

The START input is preset for connecting devices with the switch normally open.
Function depends on the mode of operation set by means of Mod parameter.

Step mode
Subsequent Start command cause, in order:
opening → stop → closing → stop

"Inversion" mode
Start during opening causes closure.
Start during closure causes opening.

Condominium mode
The Start during opening is ignored.
Start during closing causes opening.
Start with the gate open restarts the pause time count from zero, after which the gate will close again.

Connect the start input control device cables between terminals **L1** and **L8** on the control unit.

6.7 - PEDESTRIAN START

With the gate closed, the pedestrian start command causes partial opening (approx. half way) of the gate leaf connected to motor 1.

Subsequent pedestrian start commands will follow the same logic set for the start command.

During a pedestrian cycle, the start command results in the complete opening of both gate leaves.

Connect the pedestrian start input control device cables between terminals **L2** and **L8** on the control unit.

6.8 - LIMIT SWITCH INPUTS

The control unit is configured for connecting a switch with switch normally closed, which is opened when the gate reaches the desired position.

Connect the limit switch cables as follows:

- Closing limit switch between terminals **L6** and **L8**
- Opening limit switch between terminals **L7** and **L8**

6.9 - EXTERNAL ANTENNA

It is recommended the external antenna be used in order to guarantee maximum radio capacity.

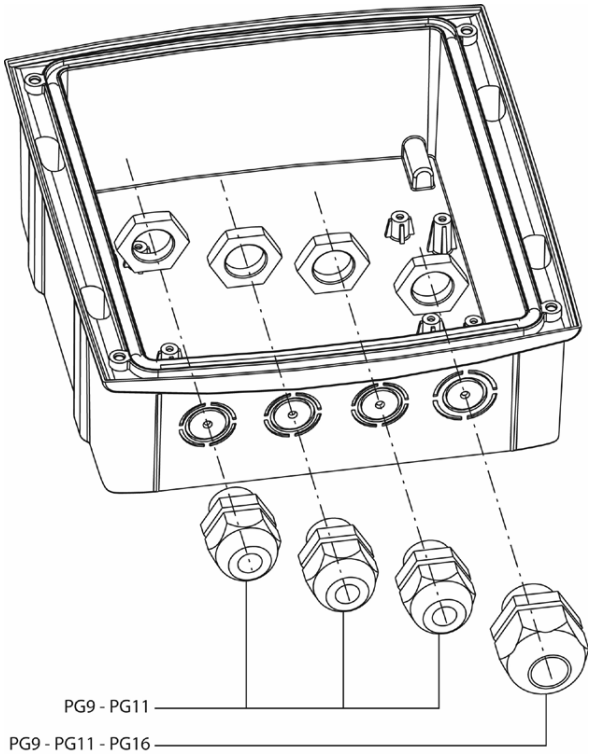
Connect the antenna hot pole to terminal **A2** of the control unit and the braiding to terminal **A1**

6.10 - CABLE GLAND ASSEMBLY

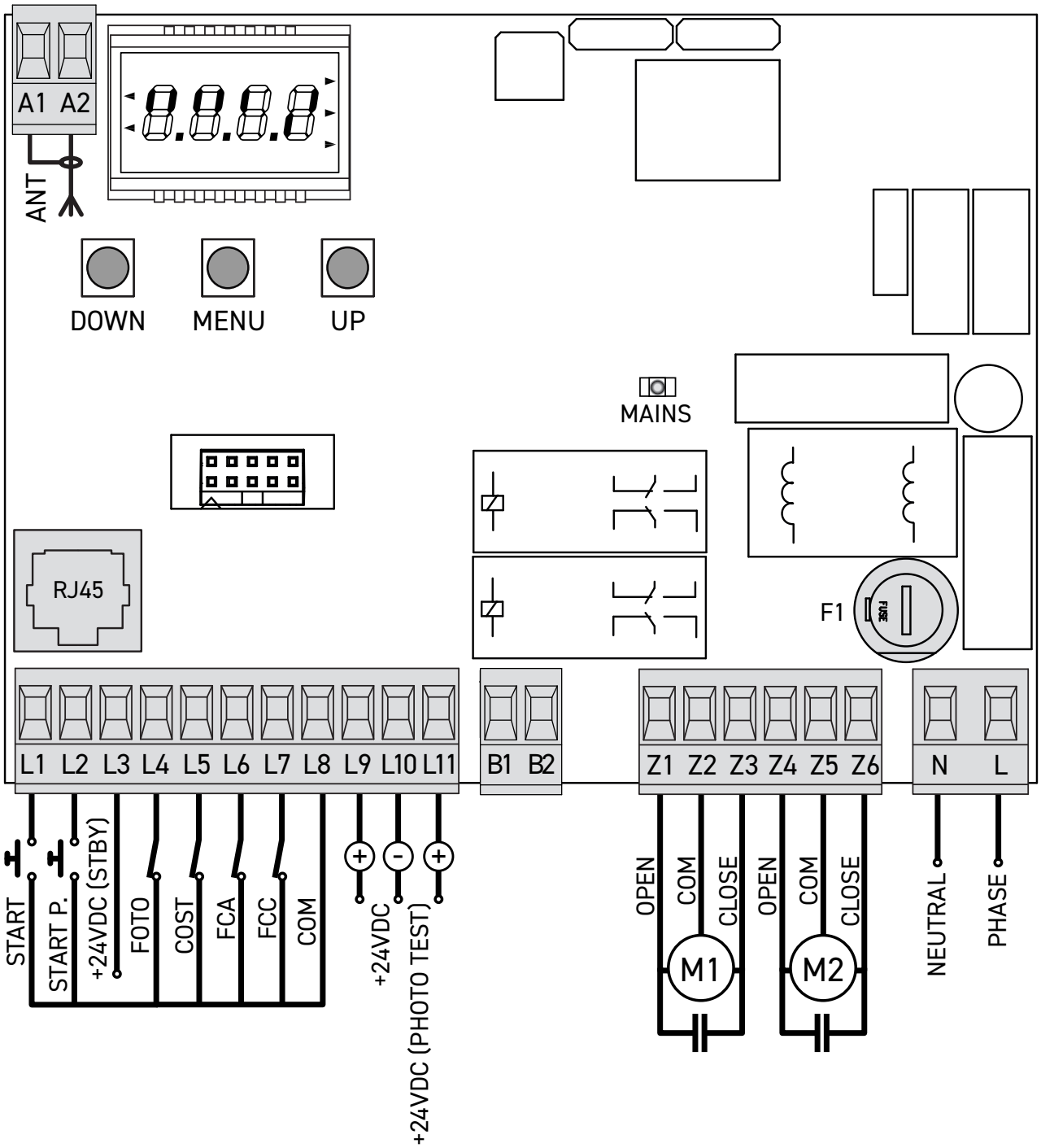
The casing can accept 4 cable glands in the special easy-break housings.
The type of cable gland is indicated in the figure.

⚠ **PLEASE NOTE:**

- Remove the electronic circuit board before drill the casing.
- Drill the container using a suitably sized cutter, according to the dimensions of the cable gland.
- Fix the cable glands using the special nuts.



6.11 - ELECTRICAL CONNECTION



A1	Antenna shield
A2	Antenna
L1	Opening command for a standard connection device with switch normally open
L2	Pedestrian opening command for a standard connection device with switch normally open
L3	24VDC power output available in STAND-BY
L4	Photocell. N.C. switch
L5	Resistive rubber edge or STOP button with N.C. contact
L6	Limit switch open. N.C. switch
L7	Limit switch closed. N.C. switch
L8	Commands common (-) line
L9 - L10	24VDC power output for photocells and other accessories that must be turned off during STAND-BY
L10 - L11	Power supply for functional test TX photocell
B1-B2	Blinker 24V 5W

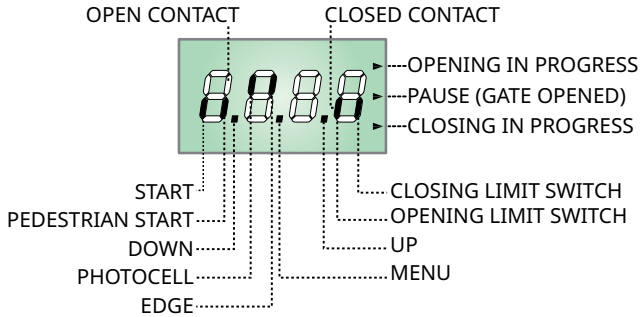
Z1	Motor 1 open
Z2	Motor 1 common
Z3	Motor 1 close
Z4	Motor 2 open
Z5	Motor 2 common
Z6	Motor 2 closed
N	230V / 120V power supply - neutral
L	230V / 120V power supply - phase

RJ45	RJ45 connector to connect the control unit to the programmer PROG2
MAINS	It lights up when the engines are activated
F1	8A fast

7 - CONTROL PANEL

When power is on, the control unit checks that display correctly operates by switching on all segments for 1.5 sec. 8.8.8.8.
Then you can see the ID of the control unit (FLJC) and the version of the firmware (Pr 1.0).

Panel will be viewed upon completion of this test.



The control panel (outside the menu) indicates the physical state of the contacts on the terminal block and of the programming keys: if the vertical segment at the top is lit, the contact is closed; if the bottom vertical segment is lit, the contact is open.

Points being among display digits show the status of programming push-buttons: as soon as a push-button is pressed, its relevant point turns on.

The arrows on the display right side show the gate status:

- The highest arrow turns on when the gate is into its opening phase. If it blinks, it means that the opening has been caused by a safety device.
- The central arrow shows that the gate is on pause. If it blinks, it means that the time countdown for the automatic closing has been activated.
- The lowest arrow blinks when the gate is into its closing phase. If it blinks, it means that the closing has been caused by a safety device (border or obstacle detector).

8 - USO DEI TASTI DOWN MENU E UP PER LA PROGRAMMAZIONE

Control unit time and function programming is made within a special configuration menu, to which you can access and where you can shift through DOWN, MENU and UP keys placed under the display.

⚠ **CAUTION: Except in the configuration menu, pressing the UP key activates a START command and pressing the DOWN key activates a START PEDESTRIAN command.**

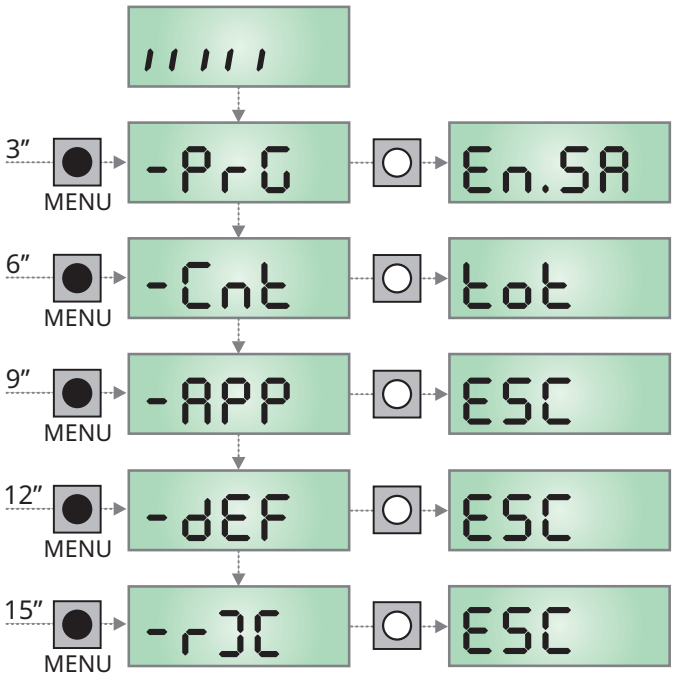
Hold down the MENU key to scroll through the 5 main menus:

-PrG	BASE PROGRAMMING
-Cnt	COUNTERS
-APP	SELF-LEARNING OF WORKING TIMES
-rJC	STORAGE OF REMOTE CONTROLS
-dEF	LOAD DEFAULT PARAMETERS

To enter one of the 5 main menus, just release the MENU key when the menu you want appears on the display.

To move through the 5 main menus, press the UP and DOWN keys to scroll through the various items. Press the MENU key to display the current value of the selected item and change it if needed.





9 - QUICK CONFIGURATION

This paragraph concerns a quick procedure to set the control unit and set it at work immediately.
We recommend following these instructions, in order to check quickly the correct operation of control unit, motor and accessories, and then changing the configuration in case of any non-satisfactory parameter.

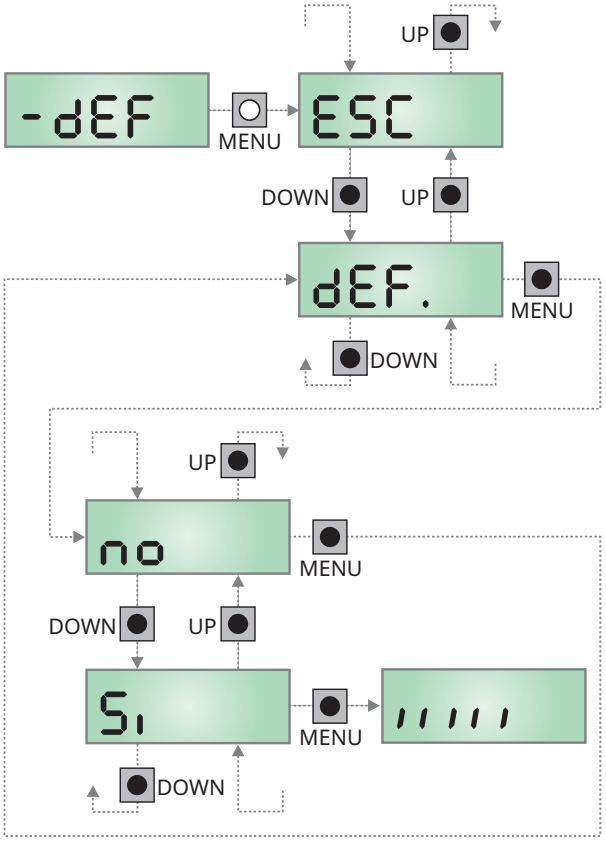
1. Call up the default configuration (chapter 10).
   NOTE: The DEFAULT configuration includes a photocell connected to the FOT input.
2. Set parameters Foto and CoSt according to the safety devices installed on the gate
3. Check that the connection of the motors is correct:
   a. Feed the unit and activate the automation with a START order: the motors must move in opening in the correct order
   b. If the direction of the movement is wrong, invert the opening/closing motor cables that move in reverse
   c. If the opening order of the doors is not correct, invert the connections of the two motors
4. Start the self-learning cycle (chapter 11)
5. Check that the automation work properly and if necessary modify the configuration of the desired parameters

10 - LOADING OF DEFAULT PARAMETERS

If necessary, it is possible to restore all the parameters to their standard or default value (see table at the end)

⚠ **WARNING: This procedure causes the loss of all the customized parameters.**

1. Press and hold down the MENU key until the -dEF appears on the display
2. Release the MENU key: the display will show ESC (press the MENU key only if you want to leave this menu)
3. Press the UP key or the DOWN key: the display shows -dEF
4. Press the MENU key: no will appear on the display.
5. Press the DOWN key: Si will appear on the display.
6. Press the MENU key: All of the parameters are returned to their default values (chapter 14) and the display shows the control panel



11 - SELF-LEARNING OF WORKING TIMES

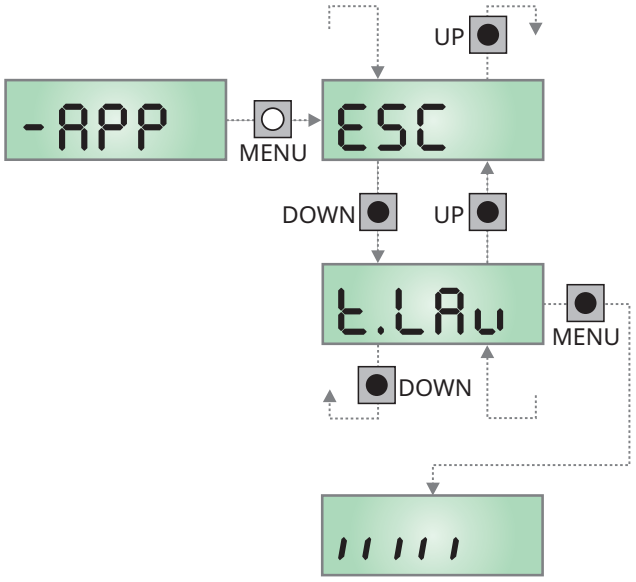
This menu allows you to automatically learn the times needed to open and close the gate.

⚠ **ATTENTION: if the gate is equipped with limit switches, these must be enabled via the appropriate FC.En menu before starting the self-learning procedure. Similarly, if the gate has only one leaf, the MoE parameter must first be set to I**

Position the leaves in the closed gate position (this condition is not necessary if the gate is equipped with a limit switch) and proceed with the following points:

1. Press and hold the MENU button until the display shows -APP
2. Release the MENU key: the display shows ESC (press the MENU key only if you want to exit this menu)
3. Press the DOWN key: the display shows t.LAu
4. Press the MENU button to start the self-learning cycle of working times.
   The gate begins to open
5. As soon as both leaves have reached the open gate position, press the MENU button (if the limit switches are enabled, the control unit recognizes this condition by itself and it is not necessary to press the button).
   The gate begins to close
6. As soon as the gate has returned to the completely closed position, press the MENU button (if the limit switches are enabled, the control unit recognizes this condition on its own and it is not necessary to press the button)

NOTE: this control unit does not have the ability to recognize the position of the leaves, and the duration of the opening and closing cycle is based on the measurement of the time necessary. For this reason, it is important to be quick when pressing the MENU button to signal that the gate has reached the opening and closing position: if you let the motors push on the stops, this will happen systematically every time the gate opens and closes.



12 - READING OF CYCLE COUNTER

FLEXY control unit counts the completed opening cycles of the gate and, if requested, it shows that service is required after a fixed number of cycles.

There are 2 counters available:

- A totalizing counter for completed opening cycles that cannot be zeroed (option tot of item -Cnt)
- A downward counter for the number of cycles before the next request for service (option SEru of item -Cnt). This counter can be programmed according to the desired value.

To access the menu follow these instructions:

1. Press and hold down the MENU key until the -Cnt appears on the display
2. Release the MENU key: the display will show tot

The scheme hereafter shows how to read the totalizing counter, how to read the number of cycles before the next service is required as well as how to program the number of cycles before the next request for service (as for the example shown, the control unit completed no. 12451 cycles and there are no. 1300 cycles before the next service request.

Area 1 is the reading of the total number of completed cycles; through Up and Down keys, you can alternate the display of thousands or units.

Area 2 is the reading of the number of cycles before the next request for service: its value is rounded down to the hundreds.

Area 3 is the setup of this latter counter; on first pressing the Up or Down key the current value of the counter is rounded to the thousand, each press after this increases the setting by 1000 units or decreases by 100.
The previous displayed count will get lost.

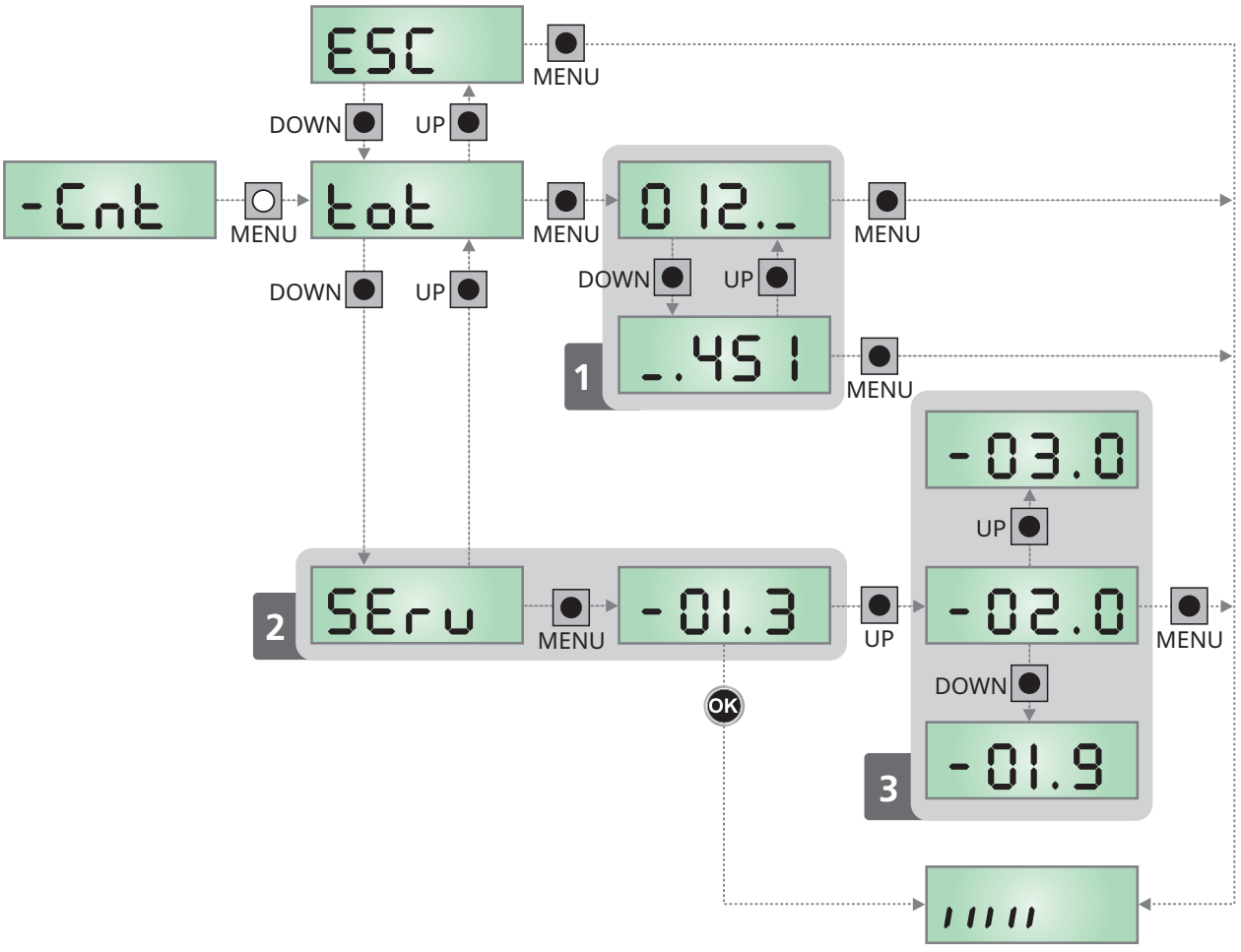
12.1 - SIGNAL OF SERVICE REQUIRED

As soon as the counter of cycles before the next request for service is zero, the control unit shows the request for service through an additional 5-second pre-blinking.

This signal will be repeated at each opening cycle, until the installer enters into the counter reading and setup menu, and possibly programs the number of cycles after which the next service will be requested.

In case no new value is setup (that is to say that the counter value is left at zero), the signalling function for the service request will be disabled and no signal will be repeated anymore.

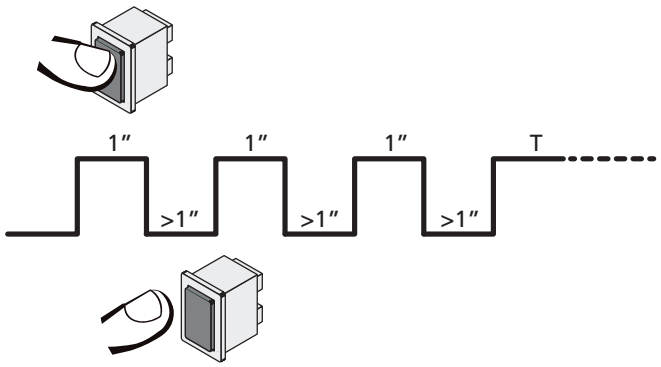
⚠ **WARNING: service operations shall be carried out by qualified staff only.**



13 - EMERGENCY DEAD MAN OPERATION

This operational mode can be used to move the gate in DEAD MAN mode in particular cases, such as installation/ maintenance or in the case of malfunctioning of photocell, edge or limit switches.

To activate the function the START command must be pressed 3 times (presses must last at least 1 second; the pause between commands must last at least 1 second).



The fourth START command activates the gate in MAN PRESENT mode. To move the gate keep the START command pressed for the duration of the operation (time T).
The function will automatically turn off after 10 seconds of inactivity of the gate.

14 - CONTROL UNIT CONFIGURATION

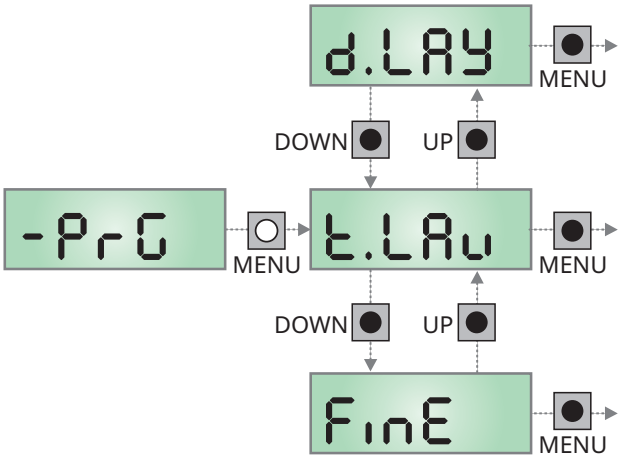
The -PrG programming menu consists of a list of configurable items; the acronym that appears on the display indicates the currently selected item. By pressing the DOWN key you move to the next item; pressing the UP key returns to the previous item.

By pressing the MENU button the current value of the selected item is displayed and you can modify it if necessary.

The last menu item (FinE) allows you to store the changes made and return to normal operation of the control unit. To avoid losing your configuration, it is mandatory to exit programming mode using this menu item.

⚠ **ATTENTION: if no operation is carried out for more than a minute, the control unit exits programming mode without saving the settings and the changes made are lost.**

By holding down the UP and DOWN keys the configuration menu items scroll quickly until the FinE item is displayed. This way the end of the list can be reached quickly.



PARAMETER	VALUE	DESCRIPTION	DEFAULT
t.LAu		**Engine working time**	20.0"
	0.0" - 5'00	Adjustable time from 0 seconds to 5 minutes	
d.LAY		**Opening door delay**	1.0"
	0.0" - 1'00	When opening, leaf 1 must start moving before leaf 2, to prevent the leaves from colliding. When closing, the order of the doors is reversed. The opening of leaf 2 is delayed by the set time. The closing of leaf 1 is delayed by 2 seconds more than the set time. **NOTE**: if the value 0 is set, only leaf 1 is moved	
PrEL		**Pre-flashing**	Si
	no	The flashing light comes on when the engines are started	
	Si	The flashing light comes on 2 seconds before the engines are started	
Pot		**Engine power**	80
	30 - 100	The displayed value is the percentage of max. motor power.	
Mot	1 - 2	**Number of motors installed**	2
SPUn		**Start off** When the gate is standstill and it begins moving, the initial inertia must be faced, therefore, if your gate is quite heavy, its doors could not move. In case the SPUn (pickup) function is activated, for the first 2 seconds of motion of each door, the control unit will ignore Pot value and it will give motors the maximum power command in order to overcome the gate inertia.	Si
	Si	Function activated	
	no	Function deactivated	
rALL		**Slowdown**	Si
	Si	At the end of each opening and closing phase, the motor slows down the motion to avoid noisy closings and bounces	
	no	Function deactivated	
Mod		**Operating mode**	SbS
	SbS	Step-by-step: subsequent start commands cause in this order: opening → stop → closing → stop...	
	inuE	Inversion: the start during opening causes closing, the start during closing causes opening	
	Cond	Condominium: the start always causes the opening	
Ch.AU		**Automatic closing**	no
	no	Function deactivated	
	0.5" - 20.0'	The gate closes after the setup time	
Fot		**Photocell input** This menu allows you to enable the input for the photocells	CFCh
	CFCh	Input enabled even at standstill gate too	
	Ch	Input enabled for the closing phase only **WARNING: If the photocell is damaged the gate is opened anyway.** **Before closing the test of the photocell (if enabled) will detect the fault and prevent the gate from closing.**	
	no	Input disabled	
	APCh	Photocell active both in opening and closing	

PARAMETER	VALUE	DESCRIPTION	DEFAULT
Ft.tE		**Test of the photocells** In order to achieve a safer operation for the user, the unit performs a photocells operational test, before a normal working cycle. If no operational faults are found, the gate starts moving. Otherwise, it will stand still and the flashing light will stay onfor 5 sec.	no
	no	Function deactivated	
	Si	Function activated	
CoSt		**Sensitive edge or stop input** This menu allows you to enable the input for the sensitive edges or for the stop button	no
	no	Input disabled	
	APCh	Input enabled in opening and closure	
	Ch	Input enabled during the closing and disabled during the opening	
	StoP	Input enabled as stop	
FC.En		**Limit switch inputs**	no
	no	Limit switch inputs disabled	
	AP.Ch	Inputs enabled: the gate stops at the limit switches	
ASM		**Anti-skid** When an opening or closing operation is interrupted by a command or for the intervention of the photocell, the set-up time for the opposite movement would be excessive, so the control unit operates the motors only for the time necessary to recover the actually covered journey. This could be not sufficient, particularly in the case of very heavy gates, as because of the inertia at the inversion moment the gate runs an extra space in the previous direction that the control unit is not able to take into account. If after an inversion the gate does not return exactly to the starting point, it is possible to activate the anti-slip function. ⚠ **WARNING: If function ASM is disabled, the gate goes backward until it comes to the end stops.. In this phase the control unit does not activate the slowdown before reaching the stop and the motor will push on the stop until the working time runs out.**	Si
	no	The time used for an opening or closing will always be the one set with the t.LAu parameter, even if the previous movement was interrupted before the expiration of this time.	
	Si	When an opening (or closing) is interrupted before the set time has elapsed (for example due to the intervention of one of the safety devices or a start command), the duration of the next closing (or opening) will not be that set with the parameter t .LAu, but will be equal to the time actually elapsed, plus a short additional time to compensate for the inertia of the gate.	
FinE		**End of Programming** This menu allows to finish the programming (both default and personalized) saving the modified data into memory. You must exit from programming mode through this menu item if you do not want to lose your configuration.	
	no	It does not exit from the program menu	
	Si	It exits from the program menu by storing the setup parameters	

15 - STORAGE OF REMOTE CONTROLS

In this control unit the radio receiver is integrated into the control panel itself; the management of the transmitter codes is done in the appropriate menu.

1. Press and hold the MENU button until the display shows -r][
2. Release the MENU key: the display shows ESC (press the MENU key only if you want to exit this menu).
3. Press the DOWN key until the item you are interested in is displayed, and proceed as indicated in the specific paragraph.

Pairing the remote control with channel 1 (start command)

- Use the DOWN key to search for the Ch1 item and press the MENU key to activate storage.
- While the writing t][is flashing on the display, press and hold the transmitter button until Add.d appears on the display (if PrES appears, it means that the remote control is already present in the control unit's memory; if Cntr appears, it means that the remote control has a different contract code from those stored in the control unit; if FuLL appears, it means that the receiver's memory is full and there is no space to store a new remote control).
- When t][starts flashing again on the display, you can memorize other remote controls.
- If you have no other remote controls to memorize on channel 1, wait for the control unit to automatically exit the menu or press the DOWN button to select another channel.

Pairing the remote control with channel 2 (pedestrian start command)

- Use the DOWN key to search for the Ch2 item and press the MENU key to activate storage.
- Proceed as indicated for channel 1.

Pairing the remote control with channel 3 (stop command)

- Using the DOWN key, search for the Ch3 item and press the MENU key to activate storage.
- Proceed as indicated for channel 1.

Pairing the remote control with channel 4 (setup)

- Use the DOWN key to search for the Ch4 item and press the MENU key to activate storage.
- Proceed as indicated for channel 1.

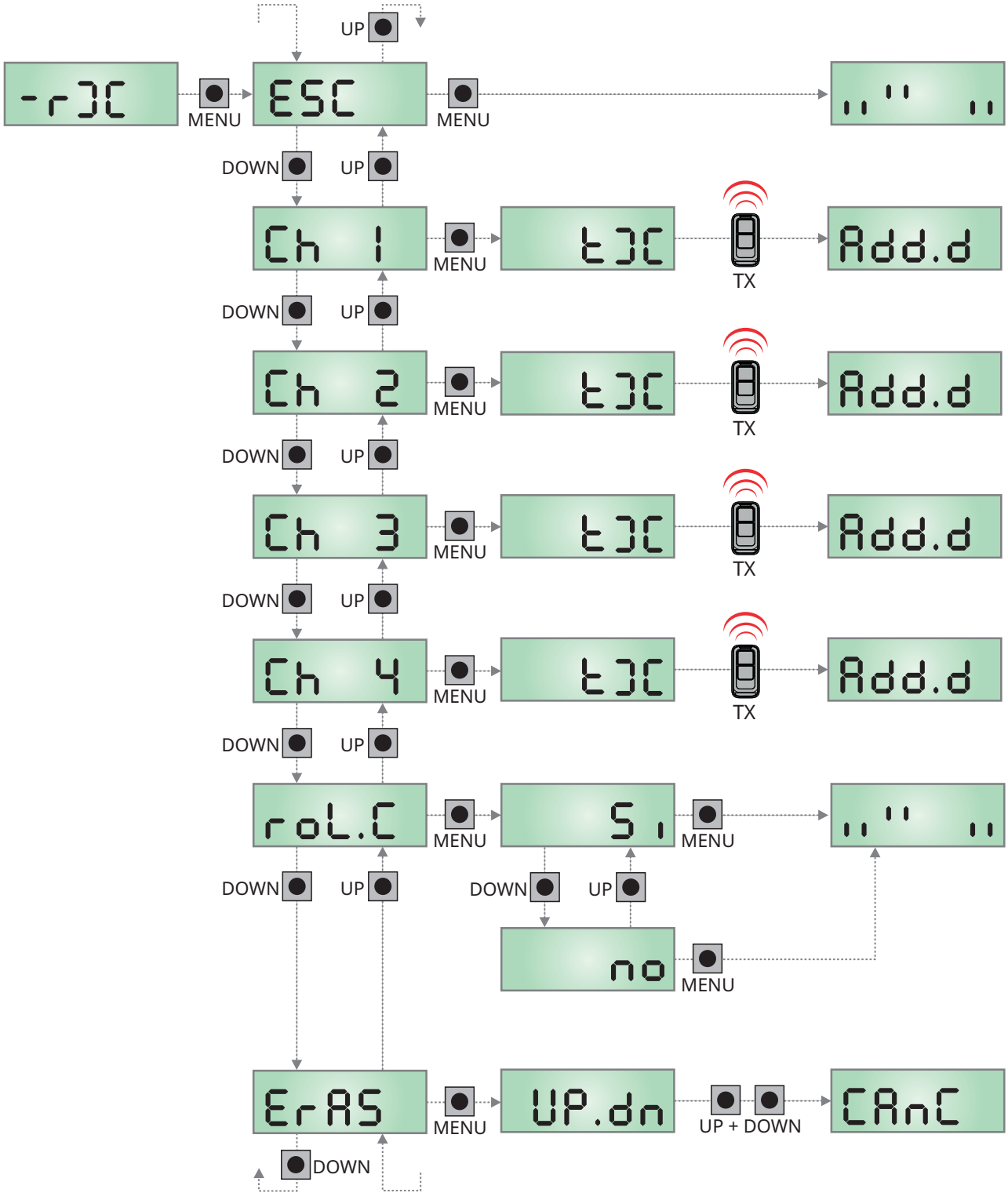
Rolling code mode (activation or deactivation of the function)

- Using the DOWN key, search for the roL.C item and press the MENU key to access the submenu of choice
- Using the UP or DOWN keys select Si if you want to activate the rolling code mode or no if you want to deactivate it.

Total deletion of codes (all codes present in memory are deleted)

- Use the DOWN button to search for the ErAS item and press the MENU button to activate the function.
- While UP.dn is flashing on the display, press the UP and DOWN keys simultaneously and hold them down until CAnC appears on the display.

NOTE: To partially delete the codes, the aid of the PROG2 portable programmer is required.


-rJC
MENU
ESC
UP
MENU
,,'' ,,
DOWN
UP
Ch 1
MENU
tJC
TX
Add.d
DOWN
UP
Ch 2
MENU
tJC
TX
Add.d
DOWN
UP
Ch 3
MENU
tJC
TX
Add.d
DOWN
UP
Ch 4
MENU
tJC
TX
Add.d
DOWN
UP
roL.C
MENU
S1
MENU
,,'' ,,
DOWN
UP
DOWN
UP
no
MENU
ErAS
MENU
UP.dn
UP + DOWN
CAnC
DOWN

16 - OPERATION DEFECTS

This paragraph shows some possible operation defects, along with their cause and applicable remedy.

Some anomalies are signaled by a message on the display, others by signals via the flashing light.

DISPLAYING	DESCRIPTION	SOLUTION
The display does not turn on	Significa che manca tensione sulla scheda della centrale.	**1.** Before acting on the control unit, disconnect through the disconnecting switch on the power line and remove the power supply terminal. **2.** Be sure that there is no voltage break upstream the control unit. **3.** Check whether the fuse is burnt-out, if so replace it with same value.
Too long pre-blinking	When a Start command is given and the blinker switches on immediately but the gate is late in opening	It means that the setup cycle count down expired and the control unit shows that service is required
The display shows Foto	When a start command is given the gate won't open. It means that intervention of photocell prevents gate movement.	**1.** Check there are no obstacles between the photocells. **2.** Ensure the photocells are powered and working: interrupt the ray and check that the photocell segment on the display changes position.
The display shows CoSt	When a start command is given the gate won't open. It means that intervention of safety edge prevents gate movement.	**1.** Check the safety edge is not pressed or damaged. **2.** Ensure safety edge is connected correctly: activate the safety edge and check the safety edge section on the display changes position.
The display shows StoP	When a start command is given the gate won't open. It means that the input configured as STOP prevents the gate from operating.	**1.** Check the STOP button is not pressed. **2.** Ensure the button is working correctly.
The display shows Err2	When a start command is given the gate won't open. It means that TRIAC test failed.	**1.** Check the motors are correctly connected. **2.** Check the thermal protection on the motor has not activated. **3.** If motor M2 is not connected, ensure the menu item Mot is set to 1. **4.** If no problems are detected on the motors, contact the V2 technical support service to send the control unit for repair.
The display shows Err3	When a start command is given the gate won't open. It means that the photocell test failed.	**1.** Be sure that no obstacle interrupted the photocell beam when the Start command was given. **2.** Be sure that photocells, as enabled by their relevant menus, have been installed actually. **3.** Be sure that photocells are powered and working: interrupt the ray and check that the photocell segment on the display changes position. **4.** Ensure the photocells are connected correctly, as shown in the chapter 6.3