LA TOULOUSAINE

Installation & Programming manual
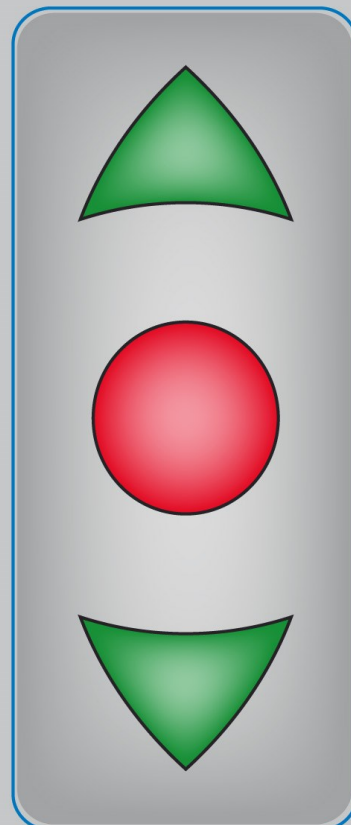
N°7132

06/19

Sectional doors
Industry & Large Villa

Intellidrive 400

● On/Off

Partial opening
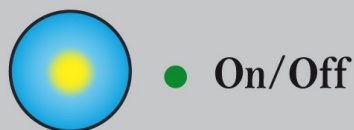
C E

⚠️

Modification :
Emergency maneuver mounting

LA TOULOUSAINE

(Document reserved for installers)

Summary

Material needed

- Ladders
- Tape measure (5M)
- Hammer drill
- Screwdriver with tips
- Pegs with screws (Ø6 max)
  and drills concrete

- Hammer
- Flat key of 6 mm
- Hex key of 4 mm & 6 mm
- Screwdriver
- Grease with brush
- Cutter

Installation instructions

WARNING !

**To ensure that this product is assembled,
used and maintained in complete safety, it is important
to follow the instructions provided in this document.
For everyone's safety, please observe
the precautionary measures below.**

---

* Before beginning the assembly, read this manual carefully.

* This closure must be installed by a professional technician.

* All the parts delivered are specifically sized for this product.
  Adding and/or using other parts may be detrimental to safety and may affect
  the product's warranty.

* Any modification or improvement of this closure must be compliant with the standard
  EN 13241 + A2.
  In this case, a "modification/transformation" file must be created by the installer as
  per the standard EN 12635 annex C.

* The torsion springs exert considerable force.
  This work must therefore be carried out in accordance with the safety instructions.
  Use the appropriate tools to install these products.
  Ensure that the work is carried out on a stable floor.

* Ensure that the assembly area is adequately lit, clear, clean and clearly marked out.

* Ensure that no other people are present at the assembly site apart from the installers.
  Non-authorized persons (children for example !) who are present at the site risk injury
  during assembly.

* All the components of this closure must be installed in compliance with the installation
  instructions provided in this manual.

* All the requirements of the standards EN 13241 + A2 must be met and verified
  if necessary.

- **Before starting the mounting of the motorization, it is essential to ensure
  that the door operates manually with no problem.**
- **It must not be under-compensated or over-compensated and must not
  present any hard points during maneuvers.**
- **European standard 13241 + A2 requires from "safeties" that do not permit
  the motorization of an improperly installed door.**


Motor mounting
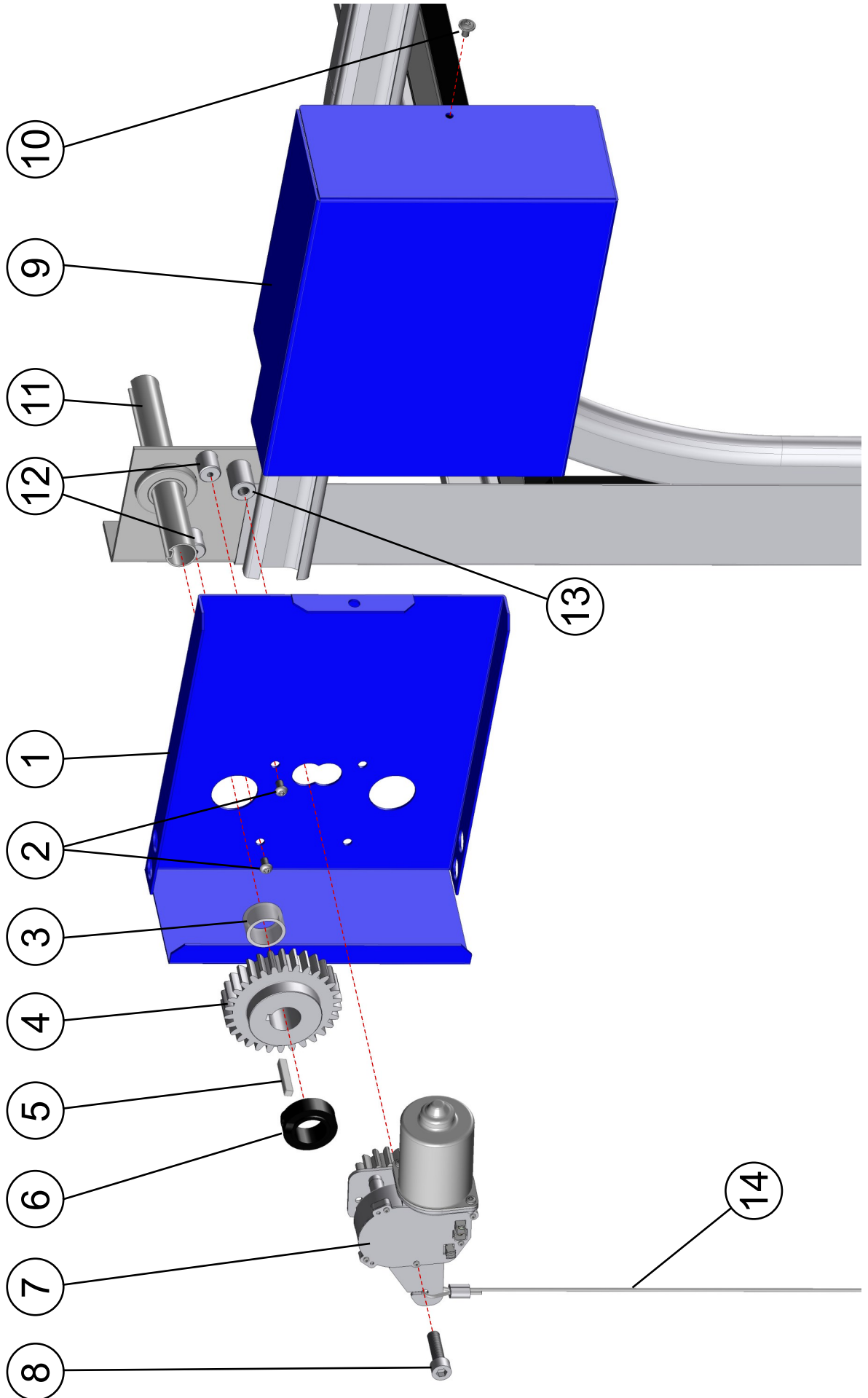
Motor mounting

Important :
The side of the motor has been defined at the command, it cannot be modified at the installation.

A) - Mount the 2 cable glands at the bottom of the housing ①.
   (Attention the bottom of the housing is reversible, check if the motor is on the right
   or on the left before mounting the cable glands).

B) - Mount the spacer ③ on overflowing axis Ø25,4 mm ⑪.

C) - Insert the housing base ① on overflowing axis Ø25,4 mm ⑪ and the tackle on the 2 fixing
   shoulders ⑫ located on the bearing.

D) - Fix the housing base ① on the fixing shoulders ⑫ with the 2 screws M6x10 ②.

E) - **Mounting of the sprocket ④** :
   - 2 possible cases :
      - On the Ø25,4 mm grooved hollow axis :
         Use only the short key 6,3x9,5x32 mm ⑤.
      - On the Ø25,4 mm grooved full axis :
         Use only the short key square shaped 6,35x6,35x32 mm ⑤.
         Procedure :
         Gently tap on the sprocket (shoulder turned towards the end of the axis Ø25,4 mm)
         to push it until the spacer ③.

F) - Lock the sprocket laterally ④ with the stop ring ⑥ and its clamping screw.

G) - Fix the motor assembly ⑦ on the motor support ⑬ with the shoulder screw ⑧.
   - **Important : Before mounting, do not forget to remove "the transport nut"**
      from the shoulder screw ⑧.

H) - Connection of the motor ⑦ :
   - Plug in the electrical connector
      with the aid of the encoding lug.

Encoding lug

Connector
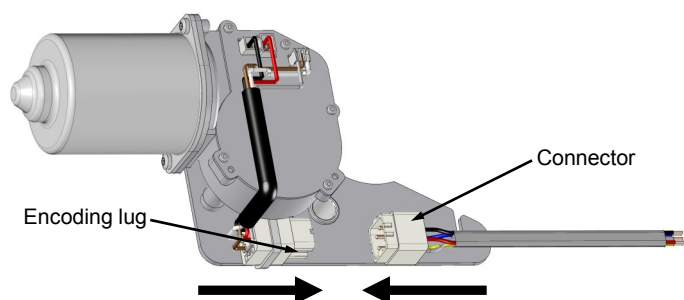
I) - Pass the end of the cable attached to the motor in the cable gland.
   Before tightening the cable gland, check that the motor ⑦ can switch freely on its support,
   without stress for the electric cable.

J) - Hook the clutch cable loop onto the swivel bracket of the motor assembly.
   Pass the loop of the cable ⑭ in the light provided for this purpose.

K) - **Imperatively lubricate the drive sprockets with the supplied grease tube.**
   (These sprockets, not greased, become noisy after a few cycles).

L) - Mount the cover ⑨ on the bottom of the housing ① and lock with the screw 6x10 ⑩.

Emergency maneuver mounting

1

Lift the handle

2

4 mm

Screw the hook

3

Important : Close loop

Insert the spring

4

Important : Tensed cable

Squeeze the loop !

The sprockets must not engage.

Install the cable

5

Nuts should be on the active strand.

Mount the cable clamp

6

Important : The sprockets must be engaged.

$90^{\pm 2}$ mm

Check the rating of the spring

7

B (remove the loop)

D (hang the loop again)

or

C (screw or unscrew to get the rating)

$90^{\pm 2}$ mm (see picture 6)

A

E (lock)

If poor rating obtained

After adjusting the spring rating, the emergency maneuver is now locked.
You can install the pin with its label.

8 Insert the pin
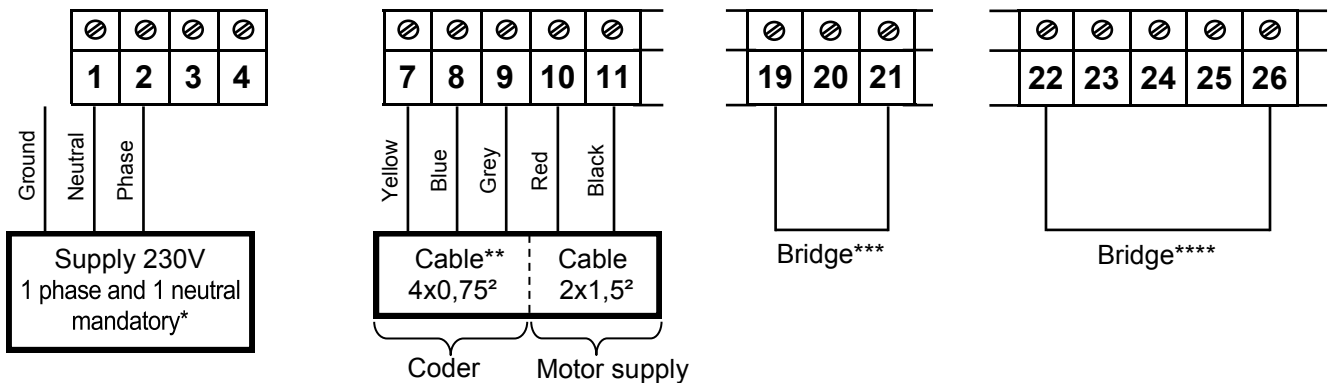
9 Turn the ring

10 Hang the label
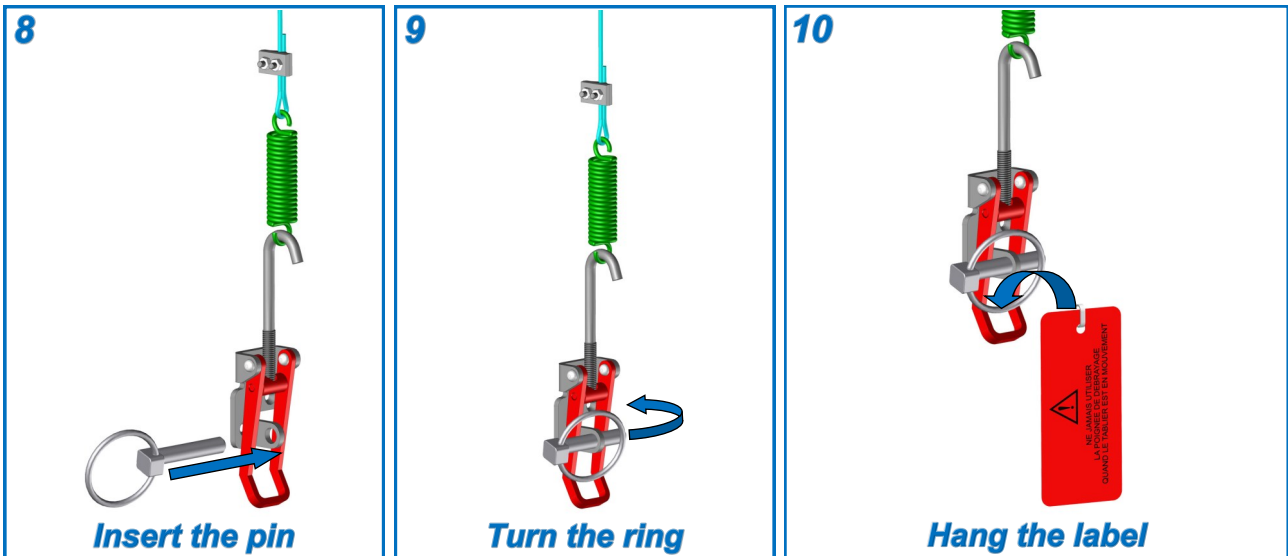
Basic connection of the cabinet

For modes of operation :

- Maintained pressure, mixed, user trained :
    - Outside of a public area.

- Impulse, user trained :
    - In view or out of sight of the door, Outside of a public area.
    - In view of the door, in a public area.

Note : Supply mandatory in 230V monophased.
For local with 400V three-phase only, the connection to the cabinet
of one phase and neutral gives 230V monophased.

⊘	⊘	⊘	⊘
1	**2**	**3**	**4**
Ground	Neutral	Phase	

Supply 230V
1 phase and 1 neutral
mandatory*

⊘	⊘	⊘	⊘	⊘
7	**8**	**9**	**10**	**11**
Yellow	Blue	Grey	Red	Black

Cable** 4x0,75² | Cable 2x1,5²

Coder   Motor supply

⊘	⊘	⊘
19	**20**	**21**

Bridge***

⊘	⊘	⊘	⊘	⊘
22	**23**	**24**	**25**	**26**

Bridge****

Note : *** Use of 2 phases on terminal blocks 1 and 2 would deteriorate the platen.**

** Green wire is not used.

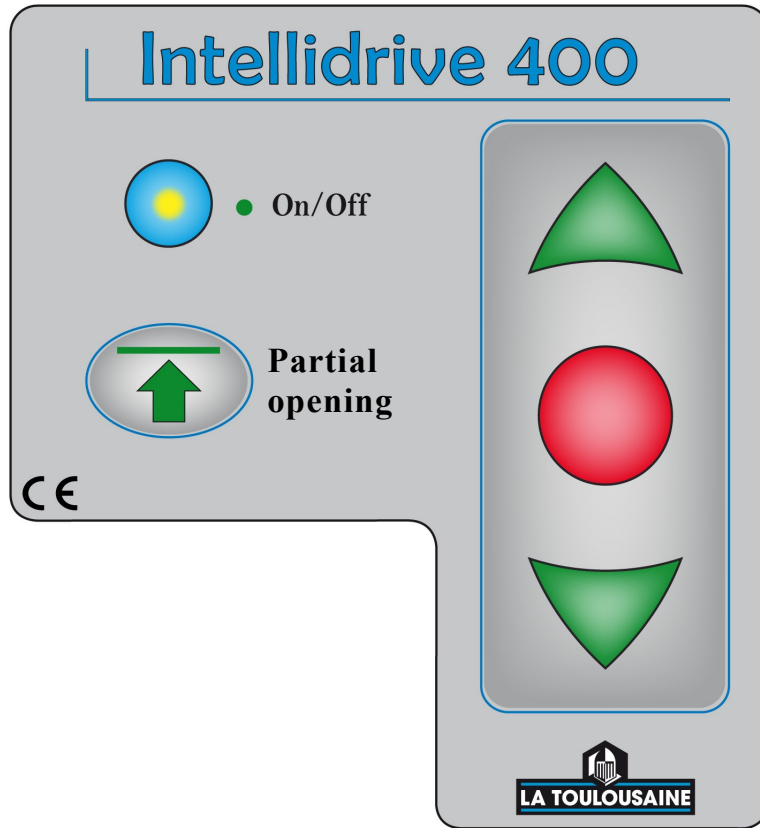***** Check the presence of bridging between the terminals ⑲ and ㉑.**

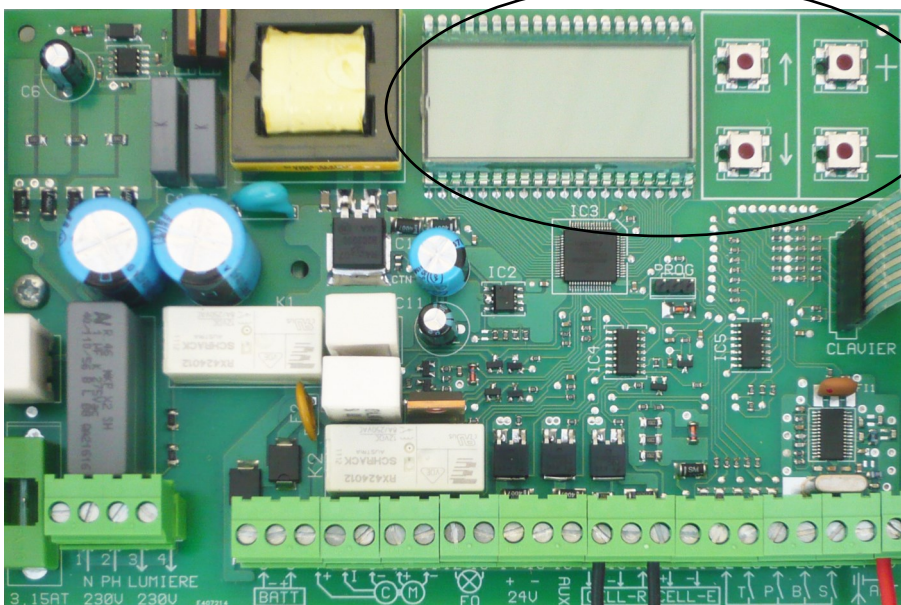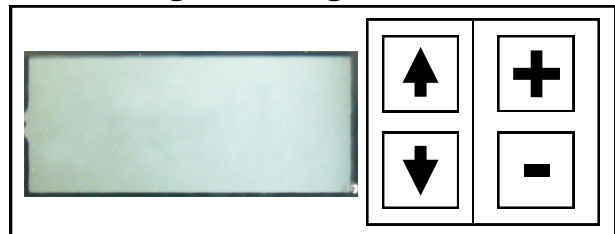****** Check the presence of bridging between the terminals ㉒ and ㉖.**

⚠ **Provide protection of the supply line of the cabinet by an upstream differential circuit breaker and a adapted thermal protection.**
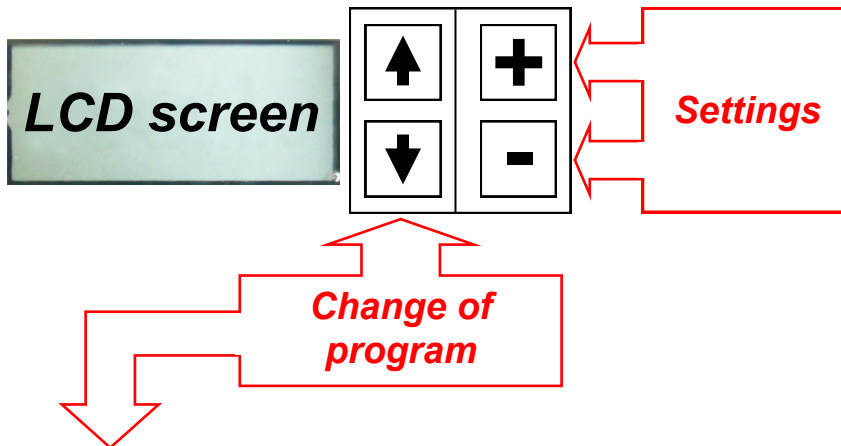
Visualization of the cabinet

Facade

Intellidrive 400

● On/Off

Partial opening

CE

LA TOULOUSAINE

Programming interface

Programs list

LCD screen

↑ ↓ **+** **−**

Settings

Change of program

PROGRAMS	DESIGNATIONS	OBSERVATIONS
P1	Speed adjustment	70, 75 or 80
P2	Learning of the run	
P3	The operating mode	CO : Maintained pressure CI : Mixed IP : Impulse AS : Automatic Sequential AA : Automatic Auto AB : Automatic Blocking
P4	Modification timeout	
P5	Memorization remote control	
P6	Memorization remote control (partial opening)	
P7	Erasing a button from the remote control	
P8	Erasing all remote controls	
P9	Reading the last 10 errors	
Pa	Number of remote controls (in memory)	
Pb	Reading (general cycle counter)	
Pc	Reading or erasing (temporary cycle counter)	
Pd	Inactive	
Pe	Inactive	

Important : After settings, always return to **Att** position (standby)

Putting the cabinet into operation

⚠️ **Control before any programming :**
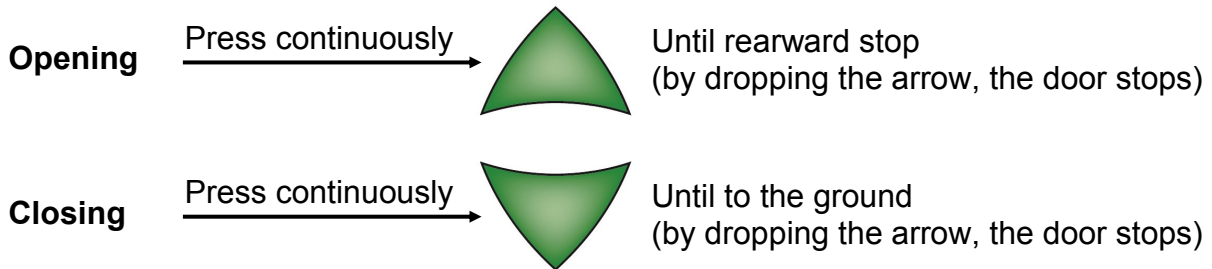**Door should be perfectly compensated and balanced.**

Press x1 → 🔵 ● On/Off → **Electrical cabinet under power**
(LED lights up)
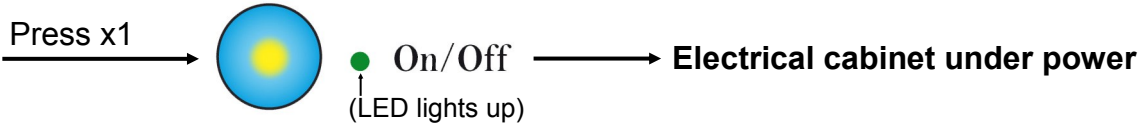
Determining the direction of rotation

- **Position the door at mid-height, using the emergency maneuver.**

- **Press** 🔼 **continuously, if the door closes, invert the feeder wires of motor**
  at terminals ⑩ and ⑪.

"Maintained pressure" mode (default)
(maintained mounted/descent)

IMPORTANT :
In the case of connection of <u>a control member or safety device</u>, it is <u>imperative</u>
to <u>perform an apprenticeship</u> to make the entries 22/23/24/25/26 functional.
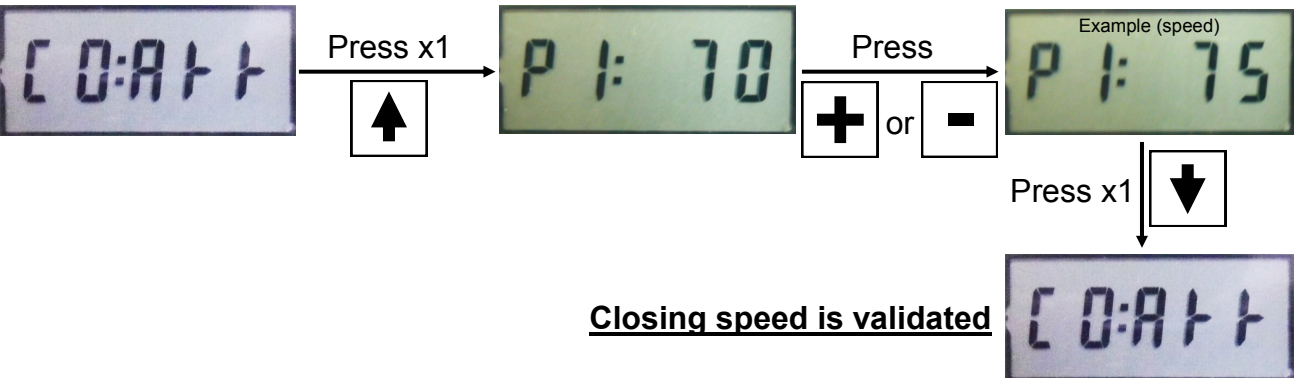*See chapter : Learning of the run.*

Display on the LCD screen :

➤ `C 0:Att`

Opening — Press continuously → 🔼 — Until rearward stop
(by dropping the arrow, the door stops)

Closing — Press continuously → 🔽 — Until to the ground
(by dropping the arrow, the door stops)

Adjustment of closing speed

The descent speed of the door is already pre-set in factory.
For some dimensions, it can be adjusted.

⚠️ **In case of adjustment, compliance with the charter below is imperative.**

- <u>Charter to be respected</u> : **Surface of the apron > to 15m² → 70 (Initial configuration)**
15 m² ≥ Surface of the apron > to 10 m² → 75
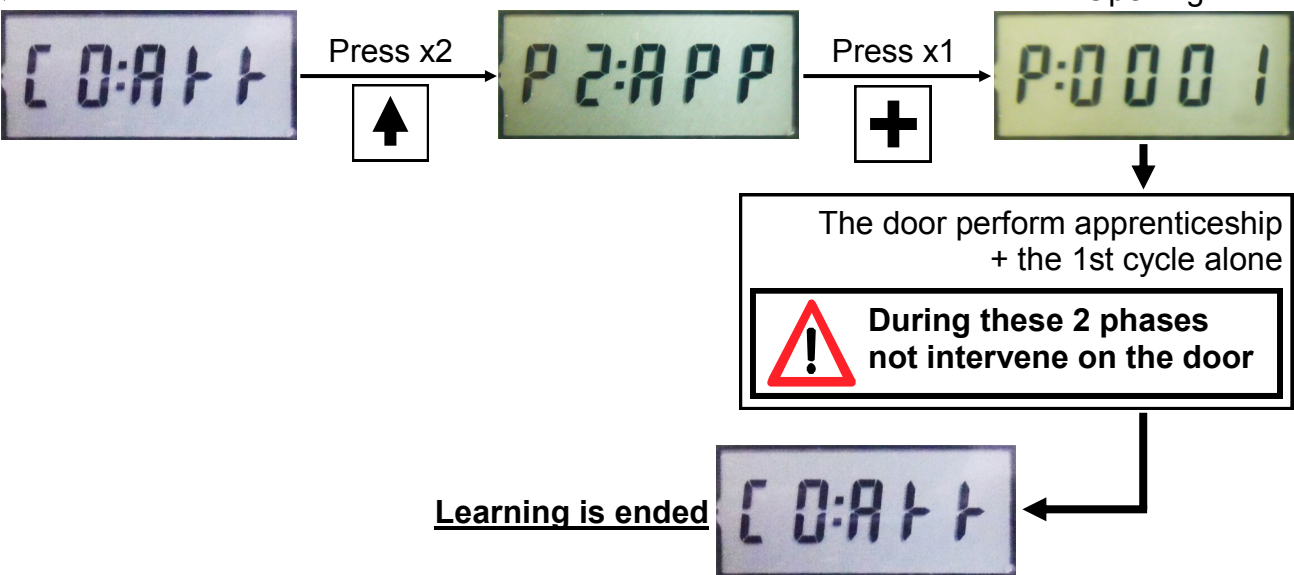**Surface of the apron ≤ to 10 m² → 80**

➤ **Procedure :**

`CO:Att`	Press x1 ⬆️	`P1: 70`	Press ➕ or ➖	`P1: 75` Example (speed)

Press x1 ⬇️

Closing speed is validated `CO:Att`

Learning of the run + 1 validation cycle

⚠️ **Never perform lifting or squeezing tests during the learning phases.**
LEARNING must be performed before programming the following operating modes : Mixed, Impulse, Automatic.
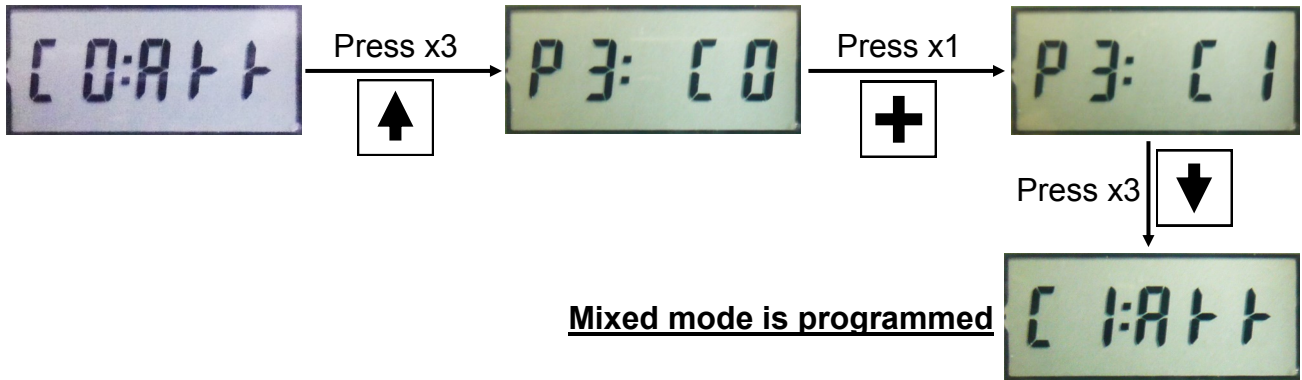
➤ **Procedure :** Door closed

`CO:Att`	Press x2 ⬆️	`P2:APP`	Press x1 ➕	`P:0001` Opening

The door perform apprenticeship + the 1st cycle alone

⚠️ **During these 2 phases not intervene on the door**

Learning is ended `CO:Att`

<u>**Important**</u> : If screen display an error, see chapter : Operation errors.

Other modes of operation

## Mixed mode *(mounted impulse/maintained descent)*

➤ **Programming :** Door closed

| `[O:Att` | → Press x3 ⬆ → | `P3: [O` | → Press x1 ➕ → | `P3: [1` |

Press x3 ⬇

Mixed mode is programmed `[1:Att`

➤ **Operation :**

Opening :

Press x1 🔼 → `[1:OU` → Door open `[1:Att` → Press continuously 🔽 → Closing `[1:FE`
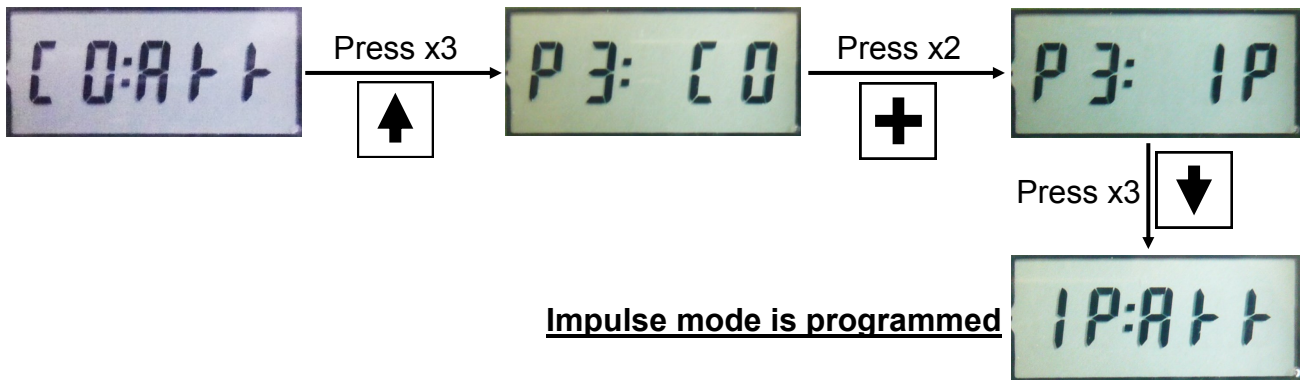
Note :

During opening → Press x1 🔴 → Stop of the door

During closing → Let go 🔽 → Stop of the door

Important : If screen display an error, see chapter : Operation errors.

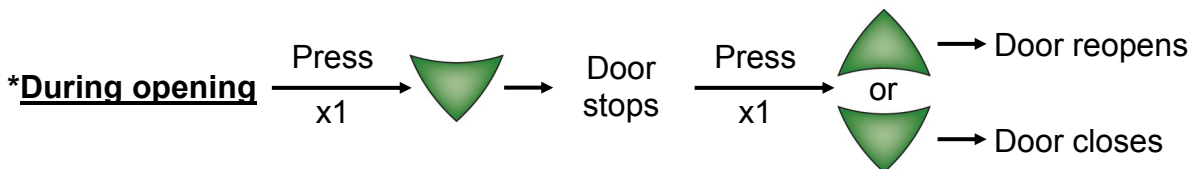# Impulse mode *(mounted/descent impulse)*

➤ **Programming :** Door closed

`CO:Att` → **Press x3** ⬆ → `P3: CO` → **Press x2** ➕ → `P3: IP`

Press x3 ⬇

Impulse mode is programmed `IP:Att`

➤ **Operation :**

Opening :

		Door open		Closing
Press x1 △ →	`IP:OU` →	`IP:Att`	Press x1 ▽ →	`IP:FE`

Note :

*During opening or closing** → Press x1 🔴 → Stop of the door

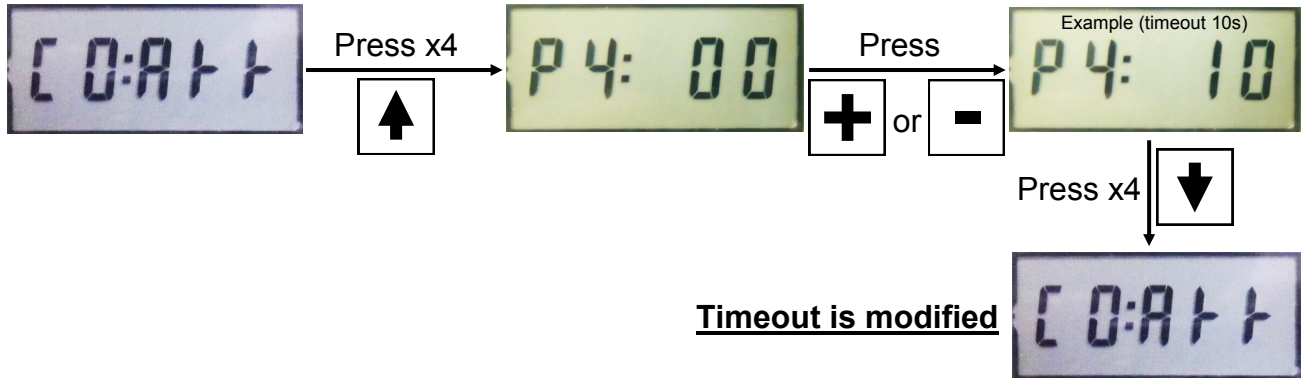*During opening** → Press x1 ▽ → Door stops → Press x1 △ or ▽ → Door reopens / Door closes

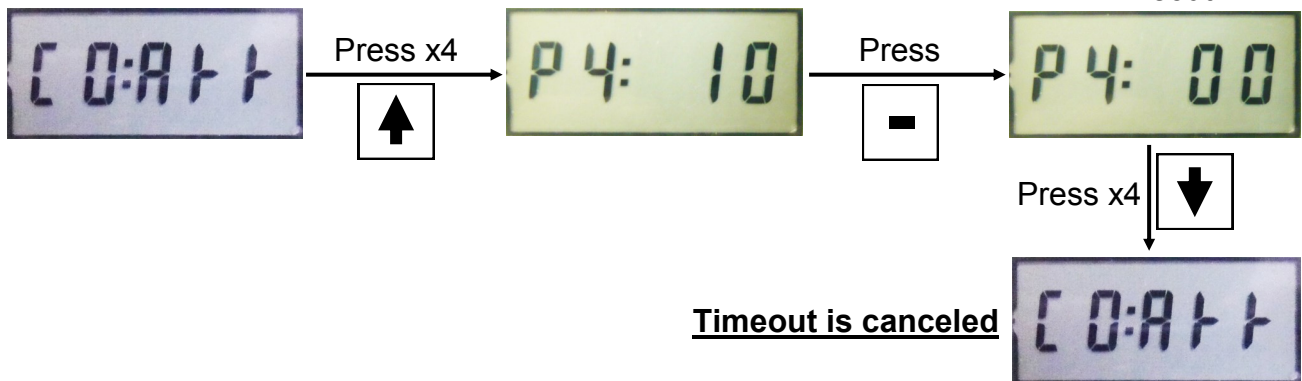*During closing** → Press x1 △ → Door reopens

Important : If screen display an error, see chapter : Operation errors.

Modification of the closing timeout for automatic modes

➤ **Programming :**

`CO:Att` → Press x4 ⬆ → `P4: 00` → Press ➕ or ➖ → Example (timeout 10s) `P4: 10`

Press x4 ⬇

Timeout is modified `CO:Att`

➤ **Cancellation of the timeout :**

`CO:Att` → Press x4 ⬆ → `P4: 10` → Press ➖ → Timeout `P4: 00`

Press x4 ⬇

Timeout is canceled `CO:Att`

Note :

*__Timeout is used in__ ⟶ The "sequential" automatic mode

⟶ The "auto" automatic mode

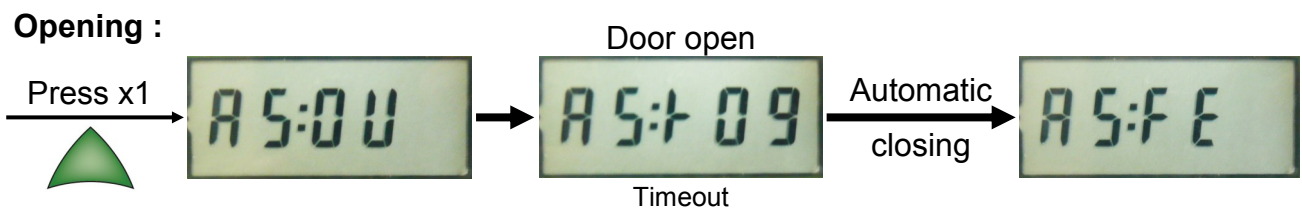⟶ The "blocking" automatic mode

"Sequential" automatic mode
(mounted impulse + timeout and automatic closing)

⚠️ **This programming can only be achieved after mandatory connection of 2 sets of cells (Standard EN 13241-1).**

➤ **Programming :** Door closed

`CO:Att` → **Press x3** ⬆️ → `P3: CO` → **Press x3** ➕ → `P3: AS`

Press x3 ⬇️

"Sequential" automatic mode is programmed `AS:Att`

➤ **Operation :**

Opening :

Press x1 🔺 → `AS:OU` → Door open `AS:t09` → Automatic closing → `AS:FE`

Timeout

Note :

***During opening or closing** → Press x1 🔴 → Stop of the door

***During opening** → Press x1 🔻 → Door stops → Press x1 🔺 or 🔻 → Door reopens / Door closes

***During closing** → Press x1 🔺 or cells interruption → Door reopens

***During timeout** → Press x1 🔺 → Timeout re-launches

→ Press x1 🔴 → Timeout stops

→ Press x1 🔻 → Door closes without waiting for the end of the timeout
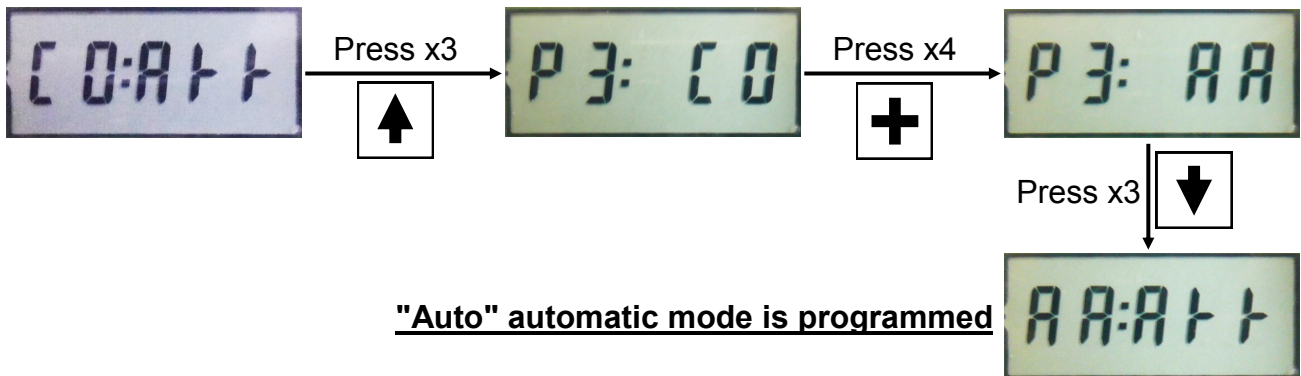
Important : If screen display an error, see chapter : Operation errors.

"Auto" automatic mode
(mounted automatic + timeout and automatic closing)
Recommended for opening by road tube, magnetic loop or cells

⚠️ **This programming can only be achieved after mandatory connection of 2 sets of cells (Standard EN 13241-1).**

➤ **Programming :** Door closed

C0:A⊢⊢	**Press x3** ⬆️	P3: C0	**Press x4** ➕	P3: AA

Press x3 ⬇️

"Auto" automatic mode is programmed   AA:A⊢⊢

➤ **Operation :**

Opening :

Door open

Passage or press x1 🔺 → AA:OU → AA:⊢09 → **Automatic closing** → AA:FE

Timeout

Note :

*__During opening or closing__ → Press x1 🔴 → Stop of the door

*__During opening__ → Press 🔺 or cells interruption → Door continues to open

*__During closing__ → Press x1 🔺 or cells interruption → Door reopens

*__During timeout__ → Press x1 🔺 → Timeout re-launches

→ Press x1 🔴 → Timeout stops

→ Press x1 🔻 → Door closes without waiting for the end of the timeout
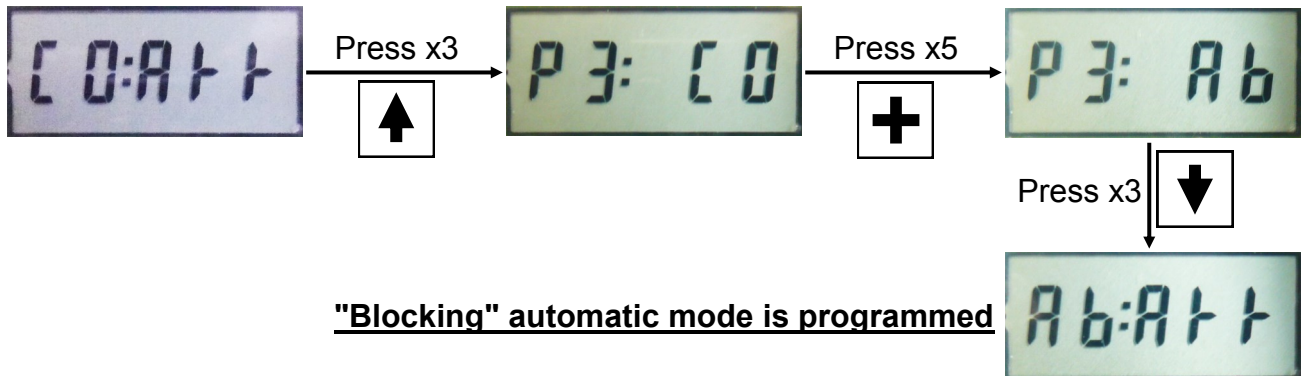
Important : If screen display an error, see chapter : Operation errors.
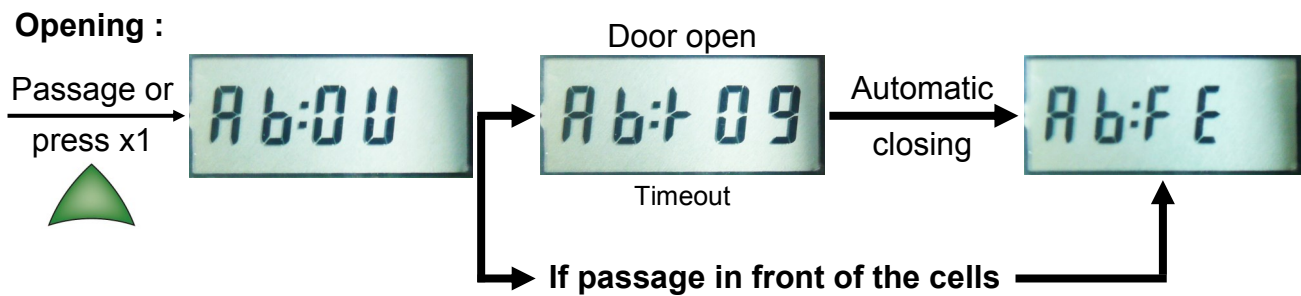
"Blocking" automatic mode
(mounted automatic then during a passage the timeout is reduced)
Recommended for opening by road tube, magnetic loop or cells

⚠️ **This programming can only be achieved after mandatory connection of 2 sets of cells (Standard EN 13241-1).**

➤ **Programming :** Door closed

`CO:Att`	Press x3 ⬆️	`P3: CO`	Press x5 ➕	`P3: Ab`

Press x3 ⬇️

"Blocking" automatic mode is programmed `Ab:Att`

➤ **Operation :**

Opening :

Passage or press x1 → `Ab:OU` → **Door open** `Ab:t 09` (Timeout) → Automatic closing → `Ab:FE`

If passage in front of the cells

Note : Same as "Auto" automatic mode.

Note² : *If cells interruption during opening or timeout

↓

Timeout is taken back to 3 seconds before closing

Important : If screen display an error, see chapter : Operation errors.

Partial opening programming on the cabinet
(Pedestrian opening)
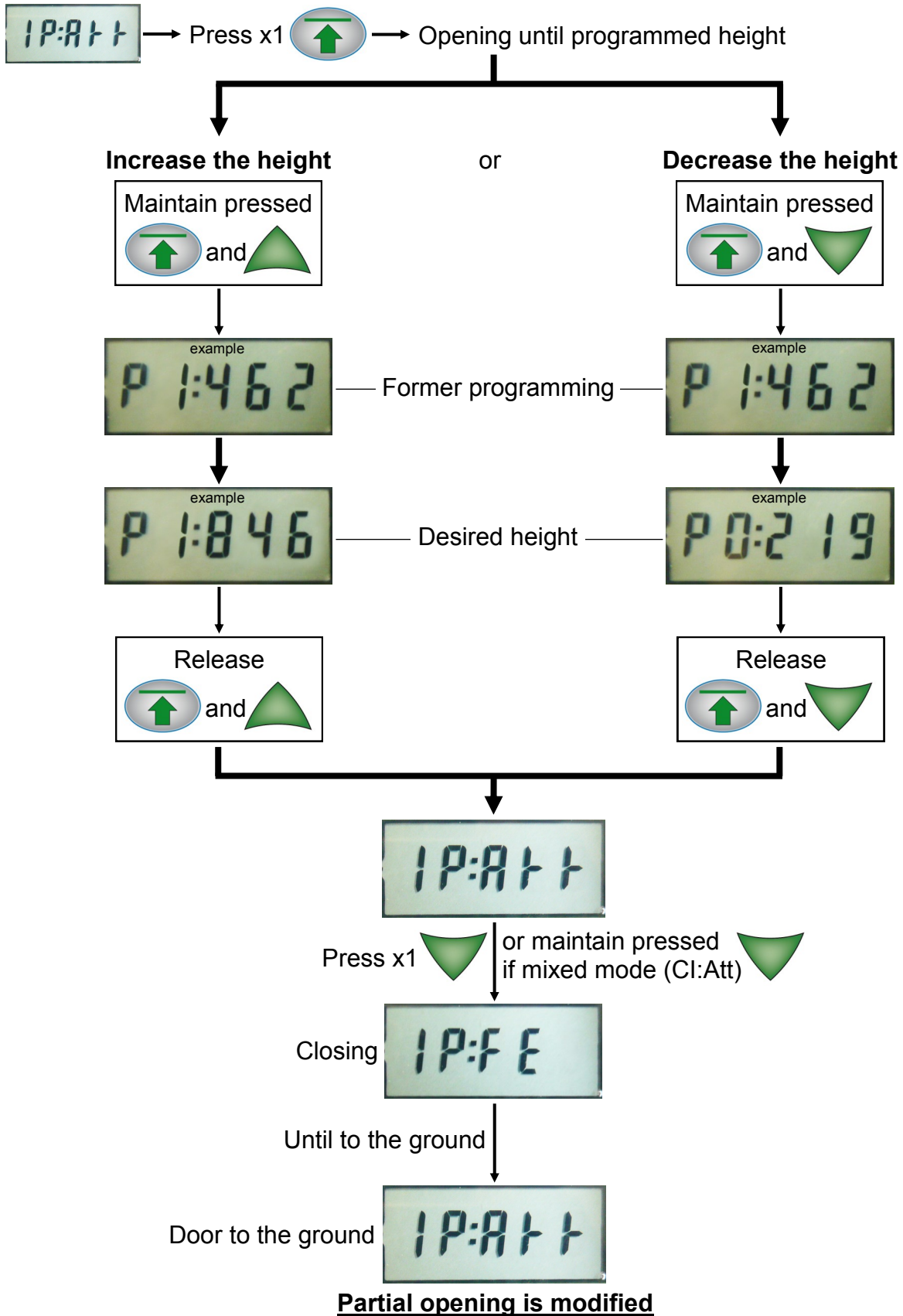### Operates in all modes except maintained pressure mode

➤ **Programming :** Door closed (example in impulse mode).

	Desired height

`1P:Att` → Maintain pressed ⬆ and △ → `P0:001` → `P1:462` *example*

Launch opening

Release ⬆ and △

`1P:Att`

Closing `1P:FE` ← Press x1 ▽
or maintain pressed ▽
if mixed mode (CI:Att)

Until to the ground

Door to the ground
`1P:Att` **Partial opening is programmed**
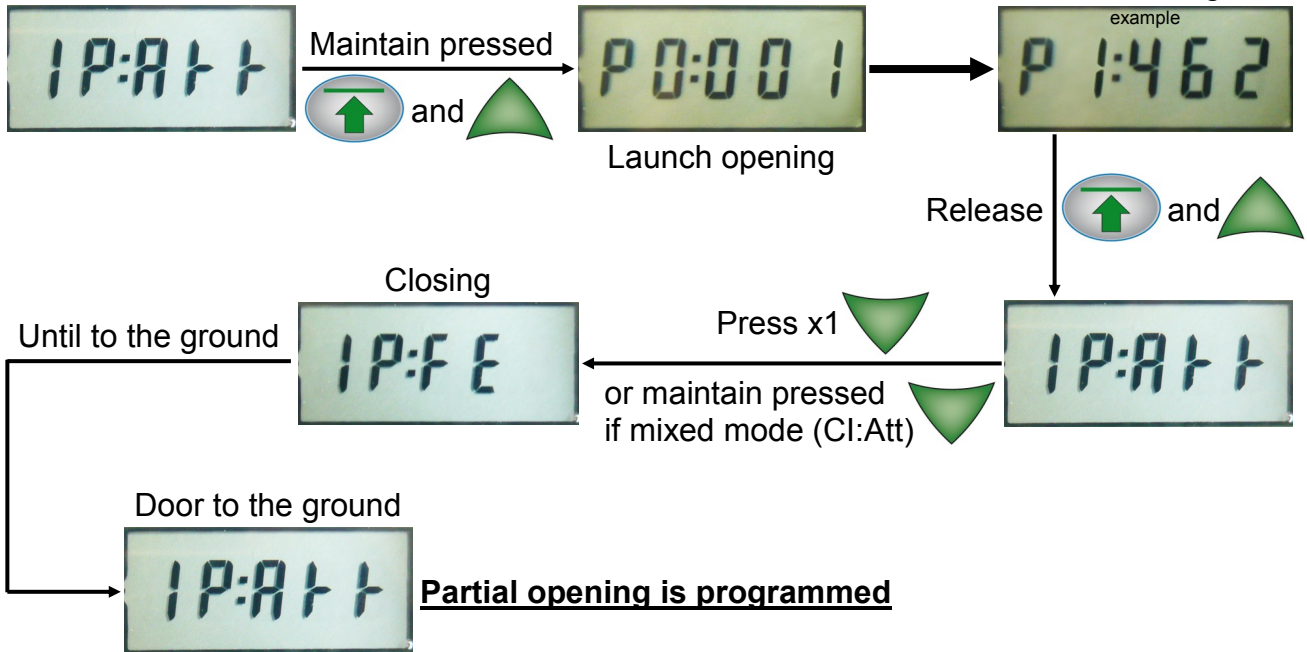
➤ **Operation :**

Press x1 ⬆ → Opening until programmed height then operation identical
to the corresponding mode.

➤ **Modification of the partial opening height :**

`1P:Att` → Press x1 ⬆ → Opening until programmed height

Increase the height   or   **Decrease the height**

Maintain pressed ⬆ and 🔼

Maintain pressed ⬆ and 🔽

example `P 1:462` — Former programming — example `P 1:462`

example `P 1:846` — Desired height — example `P0:219`

Release ⬆ and 🔼

Release ⬆ and 🔽

`1P:Att`

Press x1 🔽   or maintain pressed 🔽
if mixed mode (CI:Att)

Closing `1P:FE`

Until to the ground

Door to the ground `1P:Att`

Partial opening is modified

Important : If screen display an error, see chapter : Operation errors.

Memorization of the remote control
Operates in all modes except maintained pressure mode

Remark : If several remote controls, repeat the memorization of the total opening and the partial opening for each of them (32 remote controls max).

⚠️ **It is not possible to program several buttons of the remote control for the same function (total or partial opening)**

Total opening *(example in impulse mode)*

➤ **Memorization :** Door closed

`1P:Att` → Press x5 ⬆️ → `P5:Att` → Maintain → `P5:b`

⬇️

`P5:b1`

⬇️

`P5:Att` ← Release ← `P5:b1P`

Press x5 ⬇️

`1P:Att` **Remote control in total opening is memorized**

➤ **Operation :**

Press x1 → **Opening** `1P:OUt` → **Door open** `1P:Att` → Press x1 → **Closing** `1P:FEt`
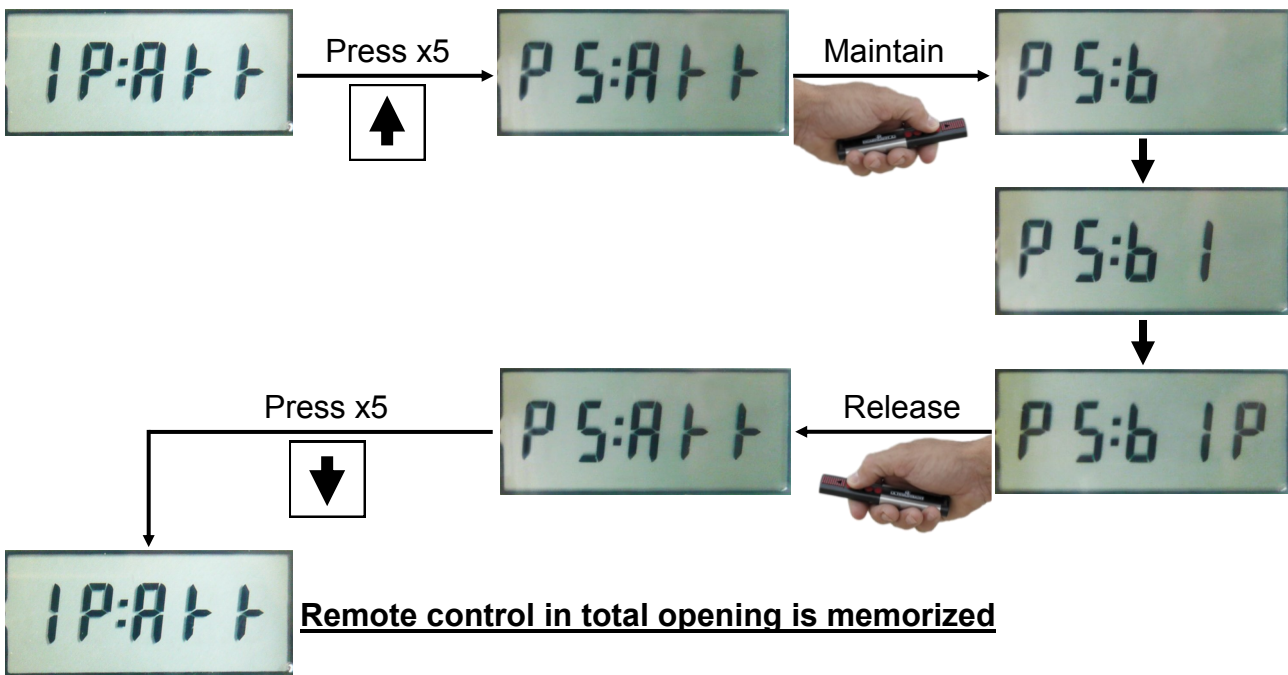
Note : Operation is different for each mode (see corresponding paragraph).

Important : If screen display an error, see chapter : Operation errors.

Partial opening *(example in impulse mode)*

Note : The memorization of the remote control in partial opening will not work until the programming of the partial opening has been achieved on the cabinet.

➤ **Memorization :** Door closed (choose another touch for partial opening).

Remote control in partial opening is memorized
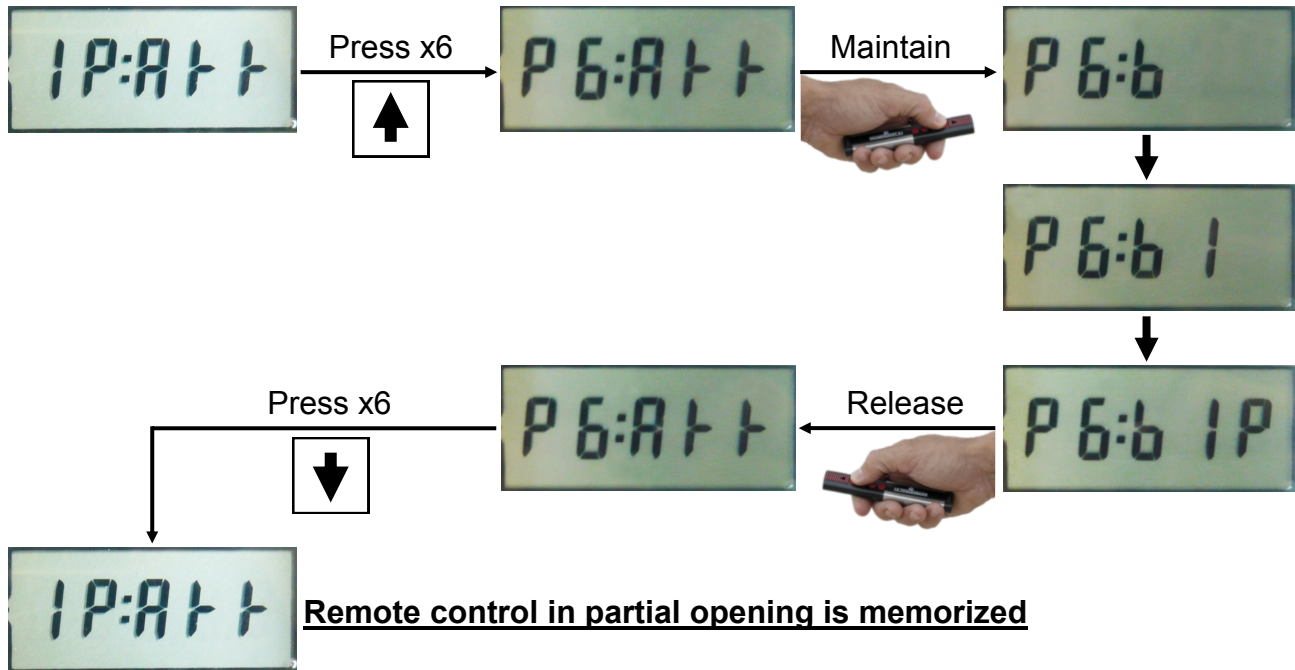
➤ **Operation and note :** identical to paragraph of total opening.

Important : If screen display an error, see chapter : Operation errors.

Number of remote controls *(in memory)*

➤ **Verification :** (example in impulse mode).

Nber of remote control

The number of remote controls has been visualized
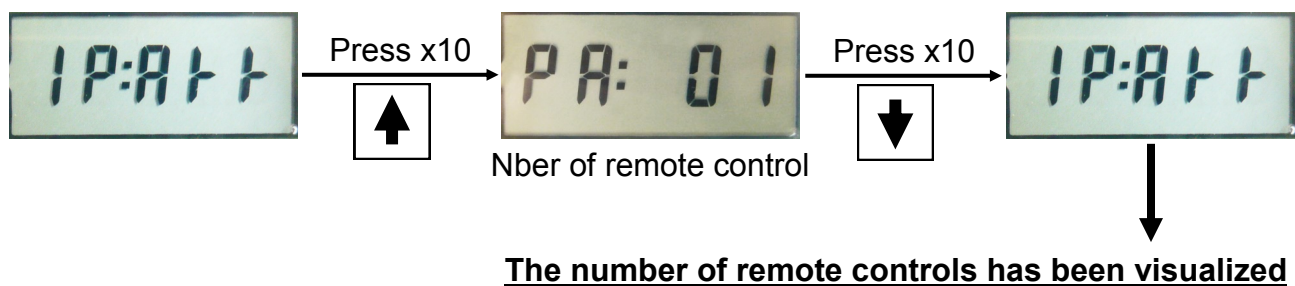
Erasing *(of a touch of the remote control)*

➤ **Deletion :** example in impulse mode.

`1P:Att`	**Press x7** ⬆ → `P 7:EF 1`	**Maintain** 🖐 → `P 7:b`

`P 7:b` → `P 7:b 1` → `P 7:b 1P`

`P 7:b 1P` ← **Release** 🖐 `P 7:EF 1`

Press x7 ⬇ ← `P 7:EF 1`

`1P:Att` **Remote control touch is erased**
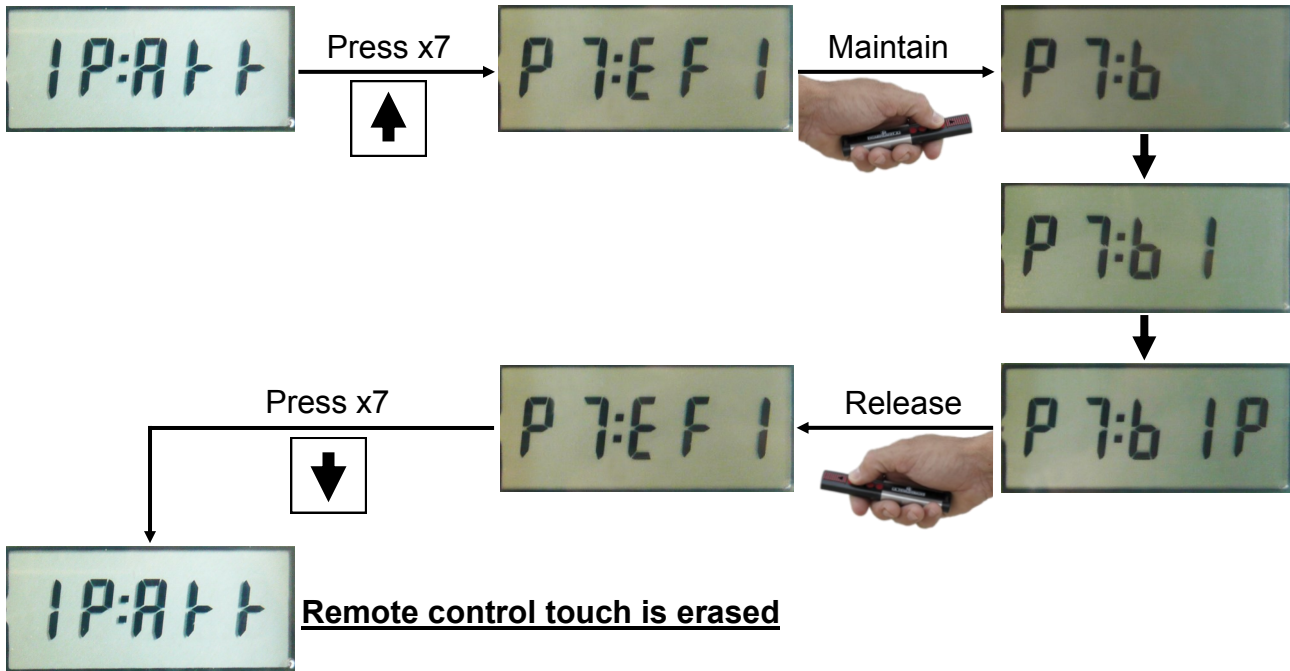
Note : To erase another touch from the remote control, start again steps.

Important : If screen display an error, see chapter : Operation errors.

Erasing *(of all remote controls)*

➤ **Total deletion :** example in impulse mode.
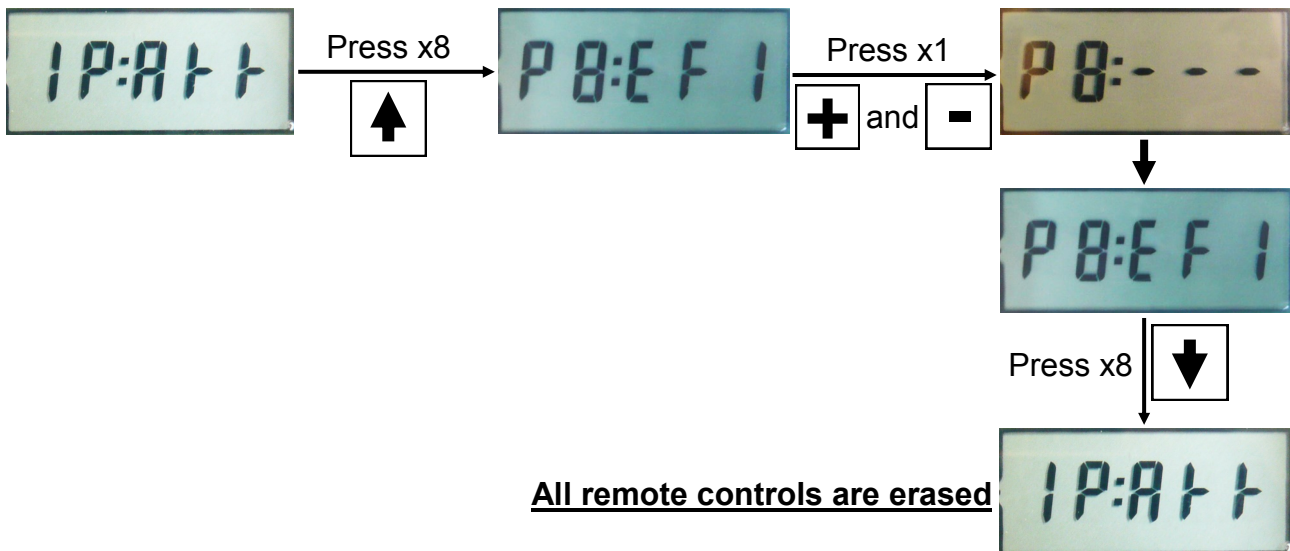
`1P:Att` **Press x8** ⬆ → `P 8:EF 1` **Press x1** ➕ and ➖ → `P 8:- - -`

`P 8:- - -` → `P 8:EF 1`

Press x8 ⬇ → `1P:Att`

All remote controls are erased

Reading the last 10 errors

⎓⎓	Press x9 ↑	P9:0.14	Press x1 +	P9:1.

CO:Att   Press x9 ↑   **P9:0.14**   Press x1 **+**   **P9:1.**

1ˢᵗ error (E14)

Press x1 **+**

Press x9 ↓   **CO:Att**   Press x9 ↓   **P9:0.14**   Press x9 **-**   **P9:9.**

Last error

CO:Att   **Reading of defects visualized**
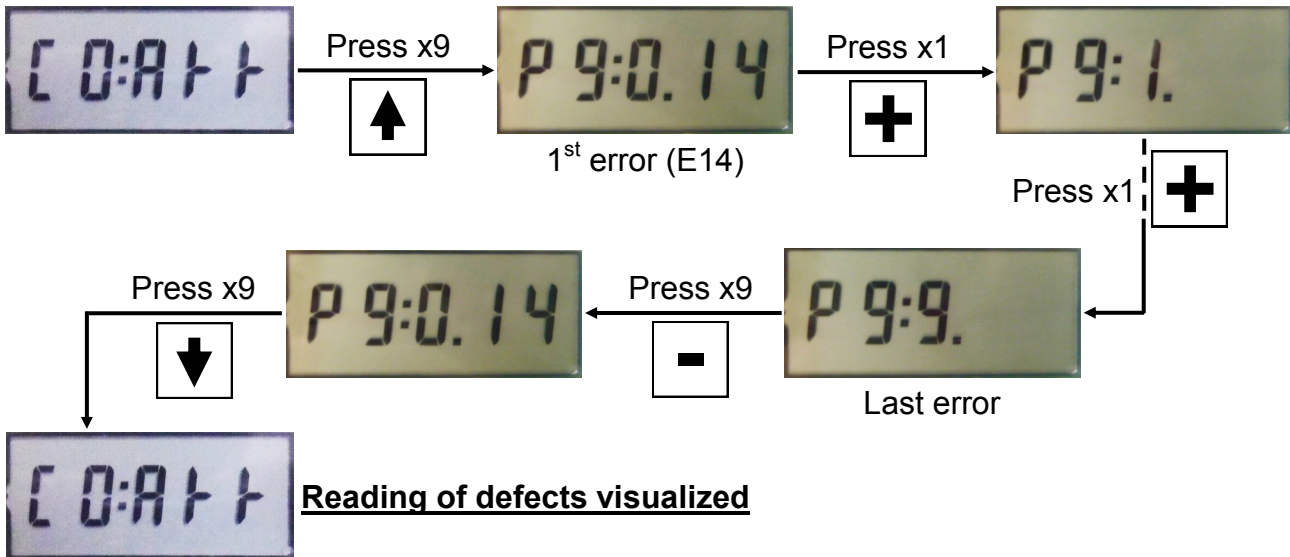
Important : If screen display an error, see chapter : Operation errors.

Reading *(General cycle counter)*

CO:Att   Press x11 ↑   **Pb**   Counter   example **13544**

Press x11 ↓

Reading of cycle counter visualized   **CO:Att**

Reading or erasing *(Temporary cycle counter)*

CO:Att   Press x12 ↑   **PC**   Counter   example **03184**

PC   **PC:EFF**   Maintain   Erasing   or

- then **+**   Reading end

Press x12 ↓

00000   Press x12 ↓   End of erasing   **CO:Att**
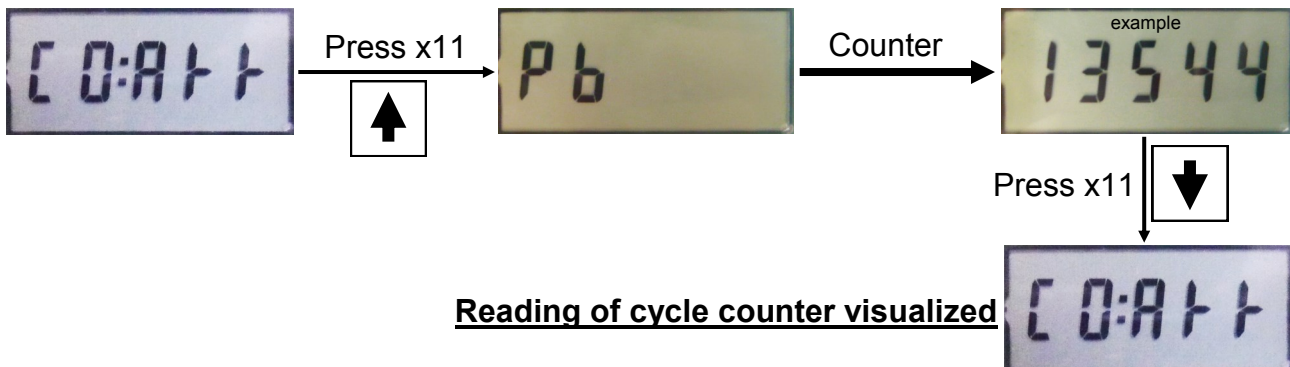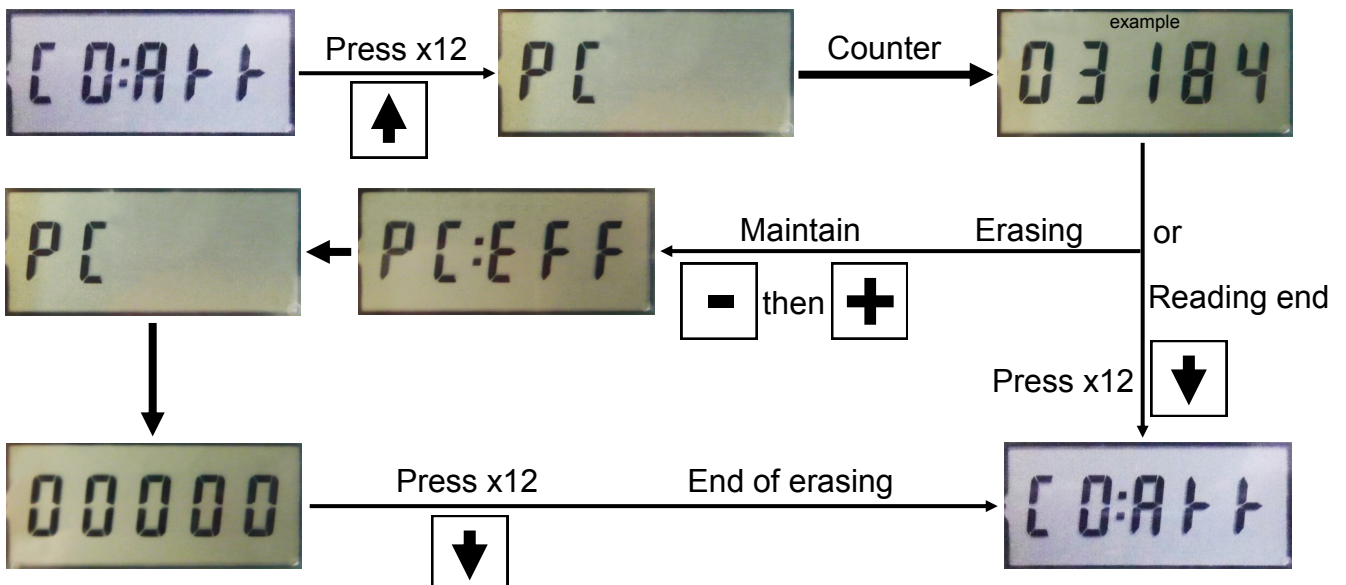
Connecting accessories

IMPORTANT :
In the case of connection of a control member or safety device, it is imperative to perform an apprenticeship to make the entries 22/23/24/25/26 functional.
*See chapter : **Learning of the run**.*

⚠ The control members shall be installed in view of the door but distant from moving parts and at a height of at least 1,5 m from the ground.

Maintained pressure operation

⚠ Only the control member requiring a maintained action must be installed and used.

2 switches box

⚠ **Contacts 24V**

⊘	⊘	⊘	⊘
22	23	24	25

Common | Gone up | | Descent
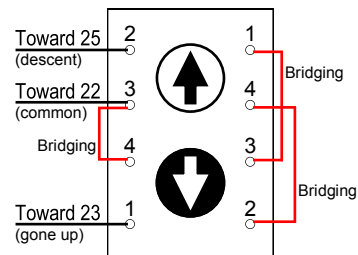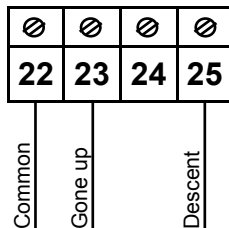
Wall-mounted 2 buttons box (BBA2)

Key box

Mandatory for maintained pressure mode in public area (EN 13241 + A2)

⚠ **Contacts 24V**

⊘	⊘	⊘	⊘
22	23	24	25

Common | Gone up | | Descent
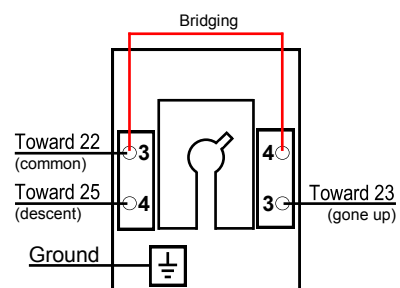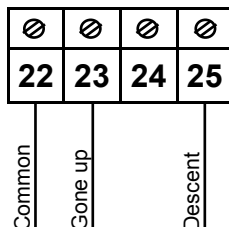
Wall-mounted/Built-in key box (BCA/BCE)

Mixed operation

3 switches box

⚠ **Contacts 24V**

22	23	24	25	26
Common	Gone up		Descent	Stop

Toward 23 (gone up) — 3
Toward 26 (stop) — 2
Toward 25 (descent) — 4

Toward 22 (common) — 4 / 1 / 3
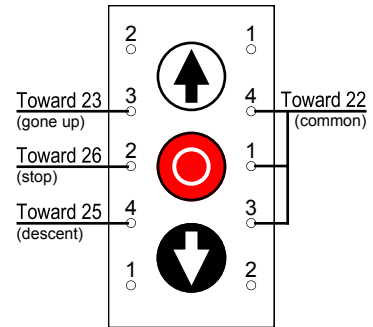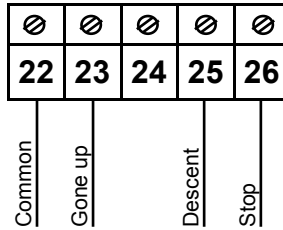
**Wall-mounted 3 buttons box
(BBA3)**

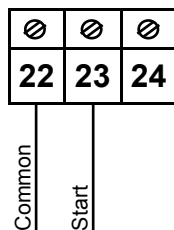# Impulse or automatic operation

1 switch box

⚠ **Contacts 24V**

22	23	24
Common	Start	

Toward 22 (common) — **3**   **4** — Toward 23 (start)
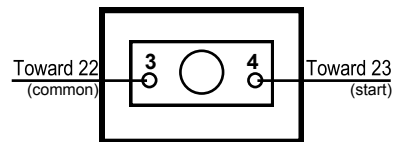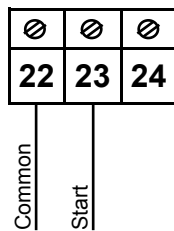
**Wall-mounted button box
(BBA)**

Key box

⚠ **Contacts 24V**

22	23	24
Common	Start	

3
4
4 — Toward 22 (common)
3 — Toward 23 (start)

Ground ⏚
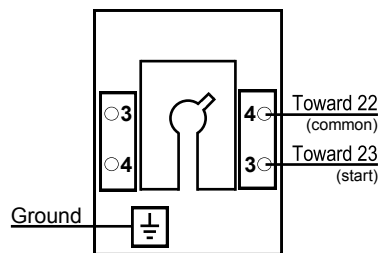
**Wall-mounted/Built-in key box
(BCA/BCE)**

Partial opening operation

2 Boxes to 1 button (BBA)

Key box (BCE2/BCA1)

⊘	⊘	⊘	⊘
22	**23**	**24**	**25**

common | Total opening | Partial opening

⚠ **Contacts 24V**

⊘	⊘	⊘	⊘
22	**23**	**24**	**25**

common | Total opening | Partial opening

Toward 22   3   4   Toward 23

Total opening

Toward 22   3   4   Toward 24

Partial opening

Bridging

Toward 22 — 3   4 — Toward 23

Toward 24 — 4   3 — Toward 23

Ground
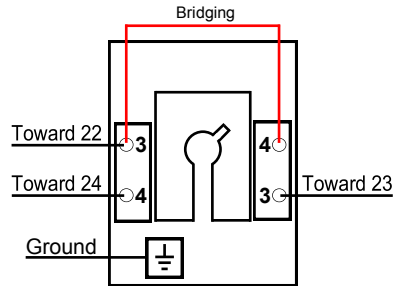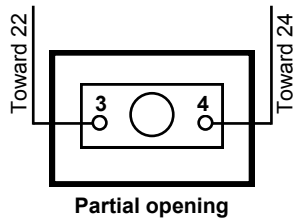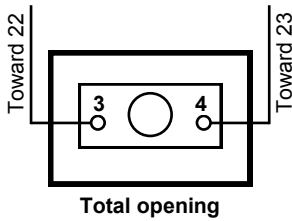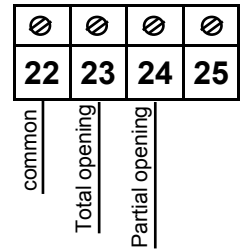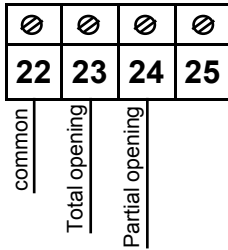
Cells emitting/receptors bass

⚠ **Before connecting the cells, cut imperatively the power supply of the cabinet.**

2 sets of cells mandatory in automatic or impulse modes
in public area out sight of the door (Standard EN 13241 + A2)

⚠ **Remove the bridge between 19 and 21**

⊘	⊘	⊘	⊘	⊘
17	**18**	**19**	**20**	**21**

Toward 17 | Toward 18 | Toward 17

| 1 | 2 | 3 | 4 | 5 | 6 |
RECEIVER

Toward 21 | Toward 20

| 1 | 2 | 3 | 4 |
TRANSMITTER

Interior cells

Toward 21 | Toward 20

| 1 | 2 | 3 | 4 |
TRANSMITTER

Toward 17 | Toward 18 | Toward 19

| 1 | 2 | 3 | 4 | 5 | 6 |
RECEIVER
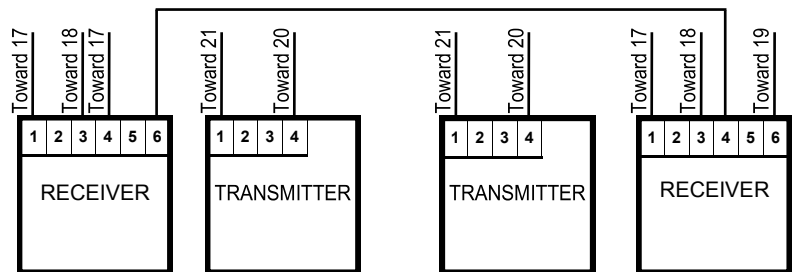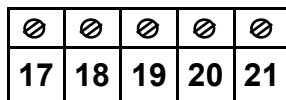
Exterior cells

Wicket door with opening safety *(option)*

⚠️ **Before connecting the contact radio, it is <u>imperative</u> to <u>achieve learning</u> for render the entries functional.** See chapter : **Learning of the run.**
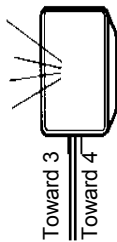
Intellidrive 400 terminal block

14	15	16	17	18	19	20	21	22	23	24	25	26

```
        3  ◯  4
```
If stop button or 3 switches box (on stop)
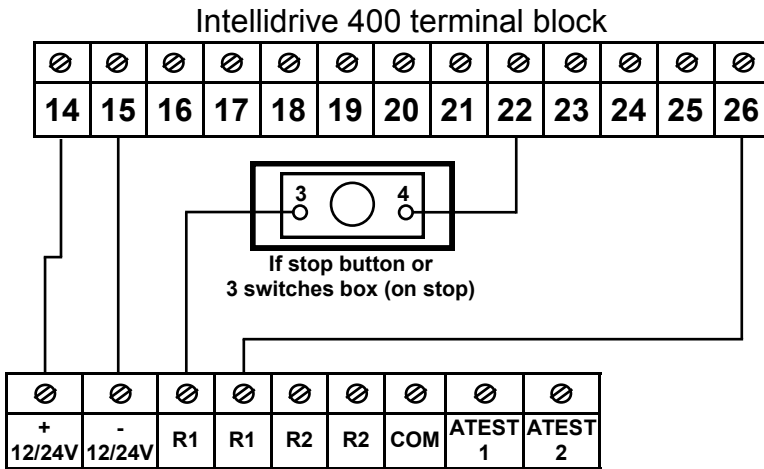
<u>Important</u> : Remove the bridge between 22 and 26.

+ 12/24V	- 12/24V	R1	R1	R2	R2	COM	ATEST 1	ATEST 2

Radio contact receiver terminal block

illuminating light *(option)* 2 maximum

230V and 250W maximum per light

Toward 3
Toward 4

Orange flashing light *(option)* 2 maximum

24V and 15W maximum per light

Toward 12
Toward 13

<u>Note</u> : The connection of flashing lights automatically gives approximately 3 seconds notice.

Battery *(option)*

- Fix the battery at inside of cover.

5	6

Toward 6 (red)

Toward 5 (black)
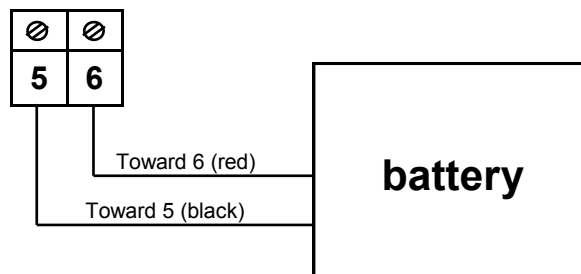
battery

<u>Warning</u> :
- Battery plugged in at least 48 to 72 hours to obtain full charge.
- If you cut the power supply to the cabinet, the message `IP:bAt` (impulse/battery mode) must appear on the LCD screen.
- For more details on the operation of the battery mode, see the chapter "Battery option" in the user manual.

LED indication

● On/Off

→ Switch on ——→ Normal operation

→ Switch off ——→ Stop

→ 1 Impulse ——→ Overtaking of the efforts
Overtaking thermal feeding
Obstacle

→ 2 Impulse ——→ Defect of cells

→ 3 Impulse ——→ Permanent contact
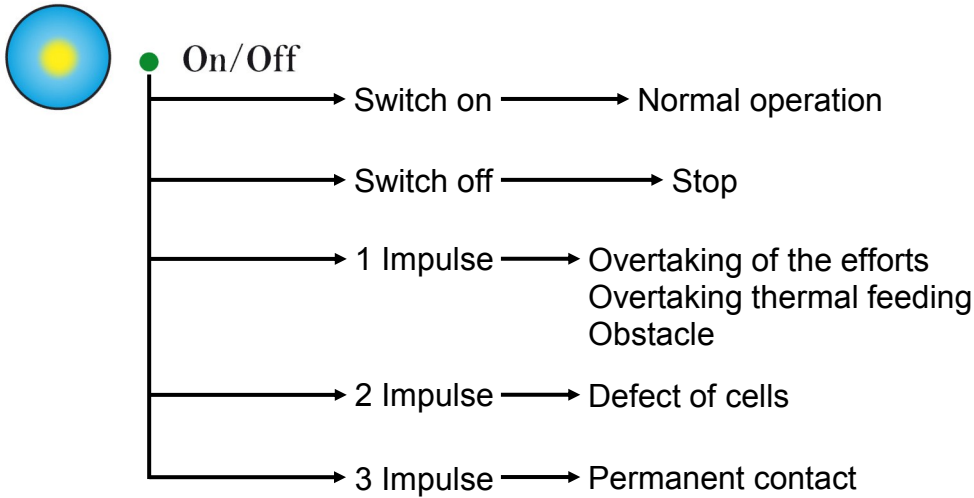
Come back "maintained pressure" mode
from the other operating modes

➤ **Example :** IP = Impulse

`1P:Att`   Press x3 ⬆   `P3:  1P`   Press on ▬   `P3:  CO`

(On this example x2)

Press x3 ⬇

Maintained pressure mode is reprogrammed   `CO:Att`
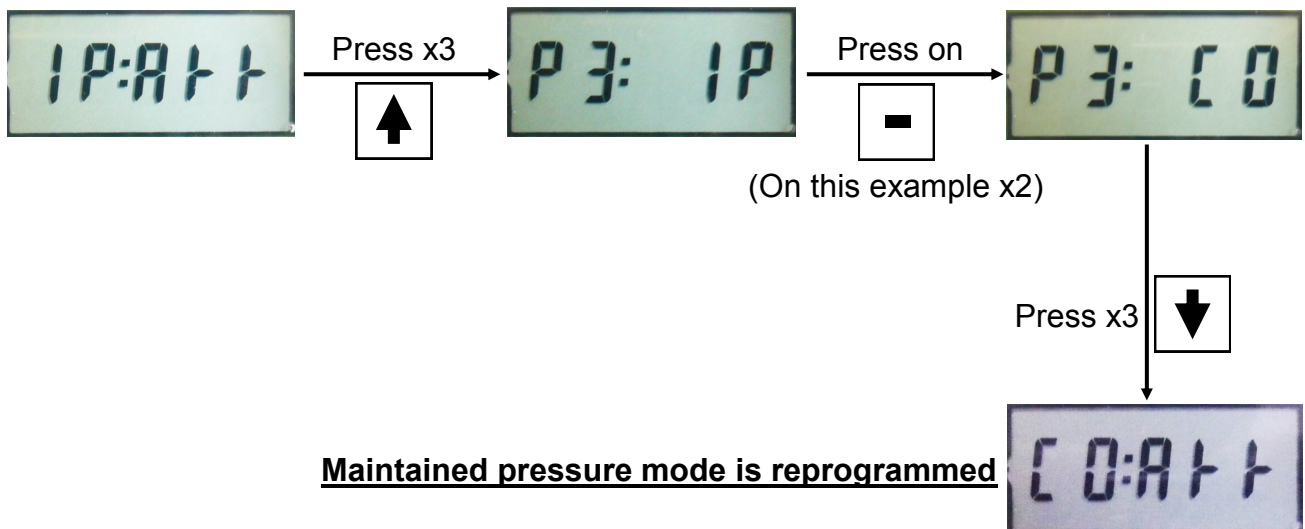
Summary of screen messages

Operating mode :

`C 0:` Maintained pressure mode	`A S:` "Sequential" automatic mode
`C 1:` Mixed mode	`A A:` "Auto" automatic mode
`I P:` Impulse mode	`A b:` "Blocking" automatic mode

Operation of the door :

`:A t t` Awaiting	`:b A t` Battery operation
`:O U` Opening by command	`:O U t` Opening by remote control
`:F E` Closing by command	`:F E t` Closing by remote control

`:t 0 1`, `:t 0 5`, Etc...Timeout of reclosing

Counter :

`0 0 0 0 0` Cycle counter	`P b` General cycle counter
`:A P P` Learning of the run	`P C` Temporary cycle counter
`P:0 0 0 0` Learning of the efforts	`P C:E F F` Ongoing of erasing the temporary cycle counter
`P 0:0 0 0` Learning of the partial opening	
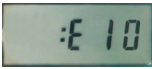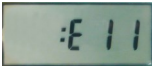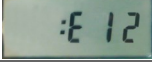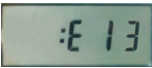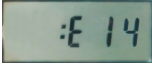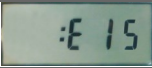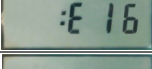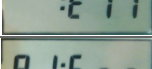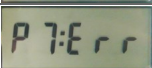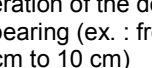
Program information :

`P 1:`, `P 2:`, `P 3:`, Etc...Program

`P 1: 7 0` `P 1: 7 5` Etc...Program 1, closing speed

`P 4: 0 0` `P 4: 1 0` Etc...Program 4, timeout of reclosing setting

`P A: 0 1` Program A, number of remote controls

`P 9:0.` `P 9:1.`, Etc...Program 9, list of errors

`U 2 - 1 5` Card number (example : 15)

Remote control information :

`:b I P` Programming remote control total or partial opening and deprogramming

`:E F 1` Erasing a touch from the impulse remote control

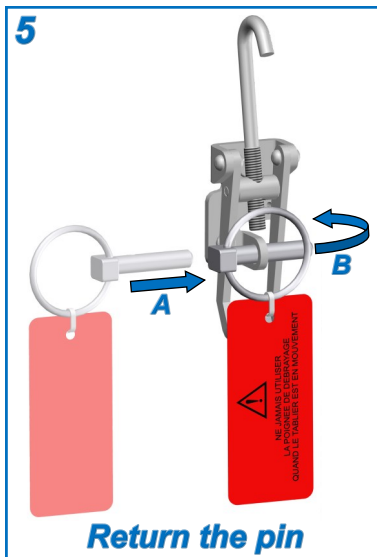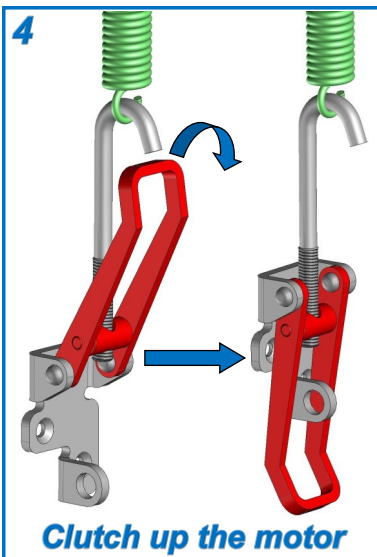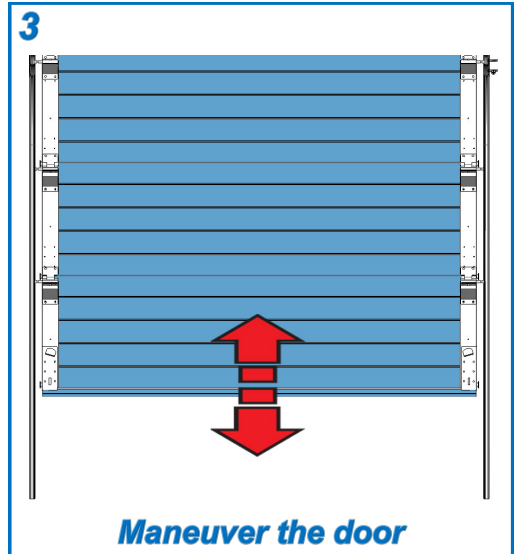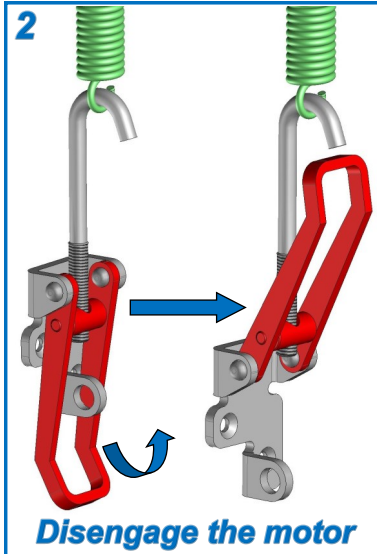`:- - -` Ongoing of erasing all remote controls

Operation errors

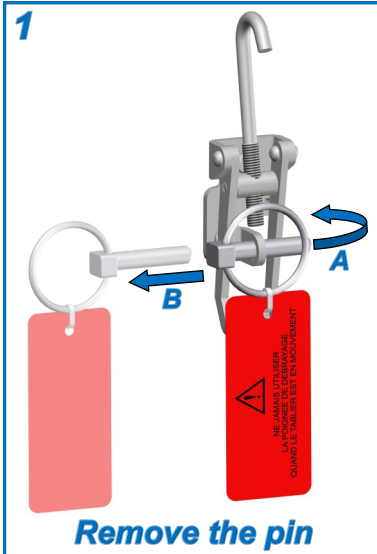| Display/Symptom	Cause	Remedy
:E 10	- Obscured cells - Misalignment of cells - Misconnection of cells or disconnected wires - Passage to automatic mode without having connected the mandatory cells	- Remove the obstacle in the cell beam - Align cells face to face - Check cells connections - Connect the mandatory cells (EN 13241-1)
:E 11	- Bridge between terminals 19/21 and selection of operating mode AS or AA or Ab	- Remove bridging between terminals 19 and 21 or change mode of operation
:E 12	- Defective cells (transmitter cut without receptor reaction)	- Replace defective cells
:E 13	- Permanent contact on the entrance of control (terminals 22, 23 and 24) - STOP (terminals 22 and 26) activated	- Check connections and operation of control devices - Check the STOP button and if applicable, the wicket door contact
:E 14	- Exceedance of authorized efforts (anti-lift/ anti-crushing) - Imbalance of the door (on or under offset) - Wicket door opening during operation - Hard spot during door operation - Poor learning of efforts - Power cut and return during operation - Return of current during battery mode operation (option)	- Remove the obstacle - Relax or tender the springs - Close the wicket door - Suppress hard points - Redo learning of the run
:E 15	- Temperature limit reached (85°C)	- Waiting for the temperature to drop
:E 16	- Blocking after 3 reopenings consecutive on the obstacle	- Check manual operation of door
:E 17	- Learning not realized	- Realized a Learning of the run
P 1:Err	- Touch of the remote control already memorized in total opening	
P 2:Err	- Touch of the remote control already memorized in partial opening	
P 7:Err	- Touch of the remote control already erased	
Operation of the door by bearing (ex. : from 10 cm to 10 cm) or the motor does not is not working	- Misconnection of terminals 7, 8 and 9 - Misconnection to the motor - Cut-off or false contact problem - Motor connector disconnected	- Check the connections conformity at terminals 7, 8 and 9 - Check the connection to the motor - Check the continuity of the wires - In case of a persistent anomaly, redo a learning of the run
Snap of the motor sprocket in end of the high or low stroke	- Cable of emergency maneuver not stretched enough	- Tender the cable from the emergency maneuver (see paragraph : mounting the emergency maneuver)
The door stops in low part without display of errors	- The door is too offset - Lack of greasing of springs - Apron too tight on seals	- Relax the springs - Grease the springs - Adjust the apron (roller supports)

LA TOULOUSAINE

Emergency maneuver
(power outage without battery option)

The green light of button On/Off is off.
- If the light is on, press On/Off 1 time to turn off the box.

1

Remove the pin

2

Disengage the motor

3

Maneuver the door

4

Clutch up the motor

5

Return the pin

If **operation 4** is **major effort**, move the apron slightly to facilitate the interlocking of the motor.

⚠ **Never clutch up with the motor running.**
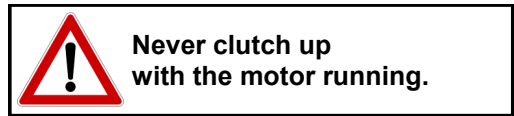
⚠ **If it is not a power outage, that the green light flashes and that a message error appears on the LCD screen, please refer to the operation errors.**

Technical assistance contact

(Stamp of the installer)