E-MOTION

Automatic control E-MOTION for a single automatic sliding door Pocket sliding system ECLISSE UNICO, ECLISSE LUCE UNICO ECLISSE UNILATERALE, ECLISSE EWOLUTO® SCORREVOLE

INSTALLATION, OPERATION AND MAINTENANCE MANUAL

INDEX

0. INTRODUCTION

Dear client,

We would like to thank you for trusting ECLISSE, which you have shown in purchasing the innovative automatic control E-MOTION, which can be installed in our pocket systems ECLISSE UNICO, ECLISSE LUCE UNICO, ECLISSE UNILATERALE, ECLISSE EWOLUTO® SCORREVOLE.

ECLISSE always offers products designed and developed according to very high production models and requirements, thus ensuring high quality performance and ease of use and installation.

This manual contains important information, needed for a correct and safe installation of the automatic control. We would like you to read the operating and use instruction carefully before installing and using E-MOTION automatic control.

Kind regards,

ECLISSE S.R.L.

Luigi De Faveri

1. DETAILS

This manual applies to:

- installation
- use and maintenance

of the E-MOTION automatic control.
The installation part is restricted to qualified technical personnel only.

1. 1 GENERAL WARNINGS

Before installing, using or doing the maintenance of E-MOTION automatic control, you must read and understand this manual thoroughly.

This manual is part of the automatic control and should be kept by the customer or user for future reference by the customer or by the installer or maintainer.

This manual aims to provide all the necessary instructions to ensure proper installation and maintenance.

ECLISSE S.r.l. reserves the right to modify and improve the manual and the described product at any time without notice.

The data presented in this document have been prepared and checked with great care, but ECLISSE S.r.l. declines all responsibility for any inaccuracies due to errors or omissions in printing or transcription.

The E-MOTION automatic control installed in a single leaf subframe constitutes a machine as described in the Machinery Directive 2006/42/EC.

The full analysis of the essential health and safety requirements, as set out in the Annex to the Machinery Directive, must be considered valid only if:

- The procedures described in the installation manual have been followed correctly.
- The type of installation corresponds to that shown in the manual.

Any procedure or action taken in the operation, installation, operation, maintenance and use of the machine not intended and described in this manual will not be covered by this analysis.
In this way ECLISSE S.r.l. is not responsible and the installer will assume full responsibility for the fulfilment of the essential health and safety requirements.

1. 2 WARNINGS FOR CORRECT INSTALLATION OF THE AUTOMATION:

⚠ Verify that the ductwork for the passage of the conductors is carried out correctly; if possible, prepare the wiring.

Ensure that the automation, the floor, the door guide and the surface of the underbody are levelled and squared with the counter-frame.

Install the new track with the motorisation. Ensure that there are no obstacles and that the track is correctly inserted.

Install the motorisation, taking care not to pinch cables.

To fit the track, remove the metal protection, "remove the plastic protection only if this is indispensable" (this should always be refitted to prevent the circuits from being accessible).

It is preferable to conduct the final sliding test without the door panel, by checking the actual carriage sliding (if possible, test with a cardboard or light plywood template that simulates the size of the door panel – not included).

Assemble the door panel, strictly complying with the instructions.
Once the door panel has been adjusted, be sure to tighten the carriage-bracket screws.
IMPORTANT: the door panel must always be positioned at least 10 mm from the floor.

The automation should be installed in such a way that it can be inspected: jambs, frames, fixtures etc. must be removable;
- only some adjustments can be carried with the control installed

Attention:
- To carry out any repairs, the track must be removed.
Check that all accessories (door guide, jambs, frames, brushes, gaskets, brackets etc.) do not cause friction.

Attention: in the maximum opening position, the door panel can stay at a gap of up to **50 mm** with respect to the jambs due to the motor magnet spacing.

Ensure that the door is not subject to lateral compressions/depressions (due to blowers, suction units, etc.); this could activate the obstacle interception device and be read as an error.

Check the automation with the panel and accessories assembled. The end user is not able to perceive the force that is actually applied to move the door.

If necessary, carry out adjustments, always paying attention to the position of the trimmers or dipswitches and any consequent variations for proper operation of the device.

1. 3 GENERAL RULES

The E-MOTION automatic control has been designed exclusively for pocket sliding systems automation used by ECLISSE pocket sliding systems for single door.
It cannot be used for aims that are different from the ones described in this manual.

The E-MOTION automatic control has been designed and developed in compliance with all requirements of EN 16005 "Power operated pedestrian doorsets -Safety in use-".

E-MOTION has been designed to work correctly with a maximum weight of 80 kg per door.

ECLISSE S.r.l. declines any responsibility for any damage to people, animals or things.

Any alteration or substitution of parts or components of the guide, and the use of accessories or materials that are not original, potentially increases the risk of damage; for these reasons, the producer denies any civil or penal liability.

It is forbidden to remove and/or change the directions and the signposting placed on the automatic control system by the producer.

It is forbidden to stay in the sliding zone of the doors to operate near the moving mechanic parts.

1. 4 WARRANTIES

The warranty is void if the use of the E-MOTION automatic control does not comply with the instructions and standards described in this manual and if components, accessories, spare parts and control systems not supplied by ECLISSE are used.

2. TECHNICAL AND SERVICE DATA

2. 1 TECHNICAL DATA E-MOTION - MECHANICS

DIMENSIONS	
Width	**52 mm**
Height	**58 mm**

DOOR WEIGHT	
Minimum	**0 kg**
Maximum	**80 kg**

OTHER DATA	
Noise	**< 50 db**
Use	**Continuous**
N° Cycles	**> 1.000.000**

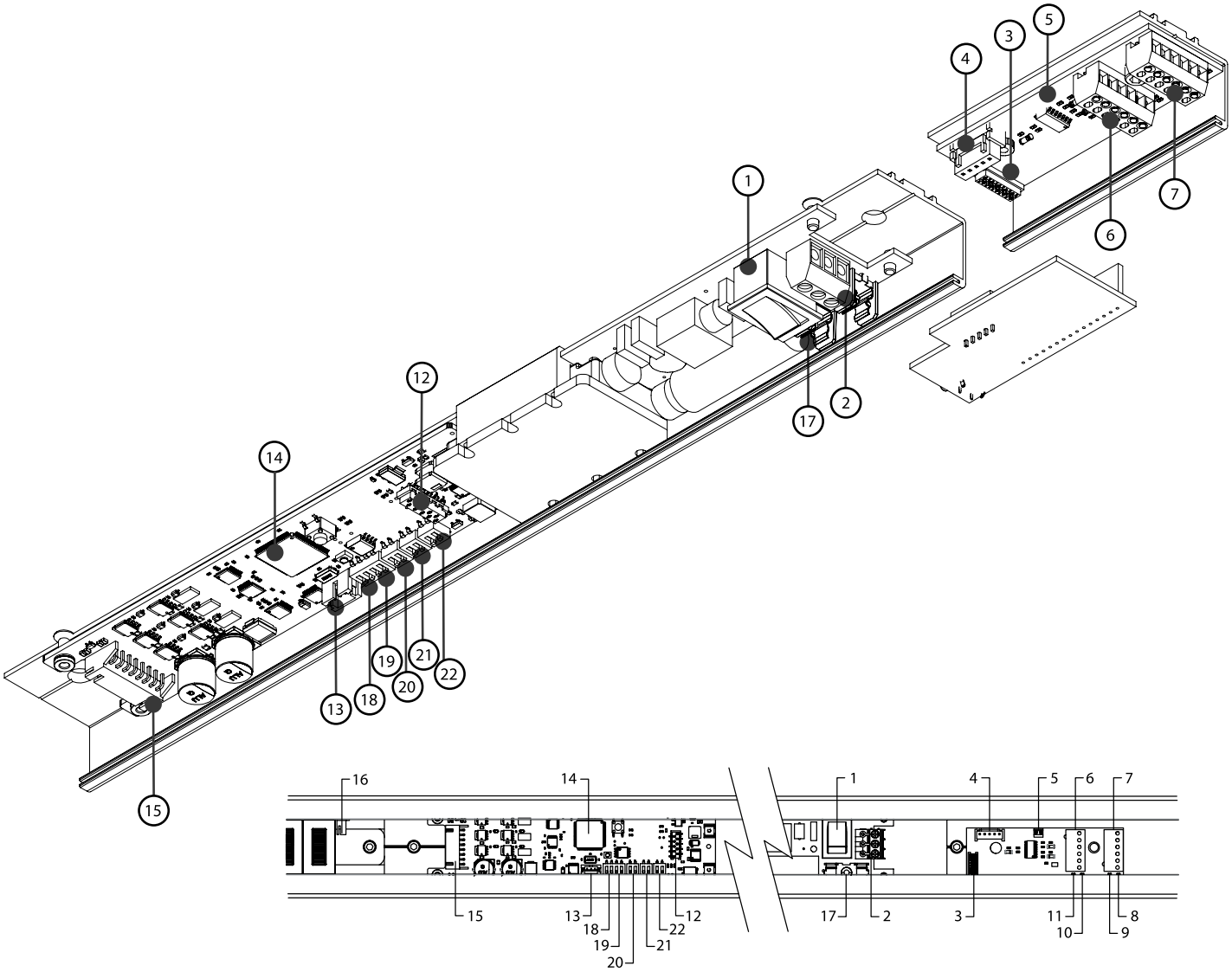
ADJUSTMENT
Closing sensitivity
Opening speed
Door opened time 0 - 20 sec.

PARAMETER E-MOTION CONTROL					
Passage Size (mm)	Control length (mm)	Track Lenght (mm)	Opening Speed	Closing Speed	Guide Weight (kg)
700	1420	735	Variable adjustment 0,20 - 0,70 m/sec.	Autoregulation complies with EN 16363 "Low Energy" (**)	8,0
750	1570	835			8,5
800	1620	835			9,0
850	1770	935			9,5
900	1820	935			10,0
950	1970	1035			10,5
1000	2020	1035			11,0
1050	2170	1135			11,5
1100	2220	1135			12,0
1150	2370	1235			12,5
1200	2420	1235			13,0
1250	2570	1335			13,5
1300	2620	1335			14,0

DOOR WEIGHT (kg)	10	20	30	40	50	60	70	80
(**) Closing Speed (m/sec.)	0,57	0,40	0,33	0,28	0,25	0,23	0,21	0,20

2. 2 TECHNICAL DATA E-MOTION CONTROL - ELECTRICAL CHARACTERISTICS

ELECTRICAL CHARACTERISTICS	
Input	Voltage: 230 V AC – 50/60 Hz Current: 1 A Fuse protection: 2,5 A Power cable 3x1,0 mm^2 Length: 2 m
Power / Consumption	Medium: 80 W Peak: 120 W Stand-By: 15 W
Electric motor	Model: Linear PMSM Motor - Permanent magnet synchronous linear motor with Iron core. N° Poles: 4 Pitch Pole 25 mm N° Phases: 3 Voltage: 24 V DC – 5_A Magnet: Neodymium 35H Force <80 N
Control	Type: Microprocessor type DSP for vectorial control of movement. Course self-regulating. Door weight self-regulating.
Accessories	Voltage: 24 V DC Current: 1 A
Functioning temperature	Minimum: 5° C - Maximum: 60° C



1 ON/OFF Button
2 Power supply input 220V-50 Hz
3 Accessories circuit connection
4 RF receiver connection
5 Domotics connection (reserved)
6 External radar and lock connection
7 Internal radar and buttons connection
8 Green led (internal radar signal active)
9 Orange led (button signal active)
10 Green led (external radar signal active)
11 Red led (lock signal active)
12 Accessories circuit connection
13 PC connection (reserved)
14 Microprocessor
15 Motor/ receiver connection
16 Motor/ receiver connection
17 Protection fuse 2 A
18 Operation
19 Regulation of opening speed
20 Regulation of closing sensitivity force
21 Regulation of door opened time
22 Dip switches (door Weight)

ELECTRICAL CHARACTERISTICS

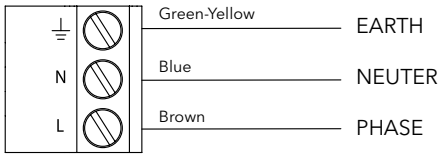
POWER SUPPLY	
Voltage	**230 V AC**
Power	**120 W**
Current	**0,75 A**
Frequency	**50/60 Hz**

NORMATIVA
2006/42/CE
2004/108/CE
2006/95/CE
EN 60335

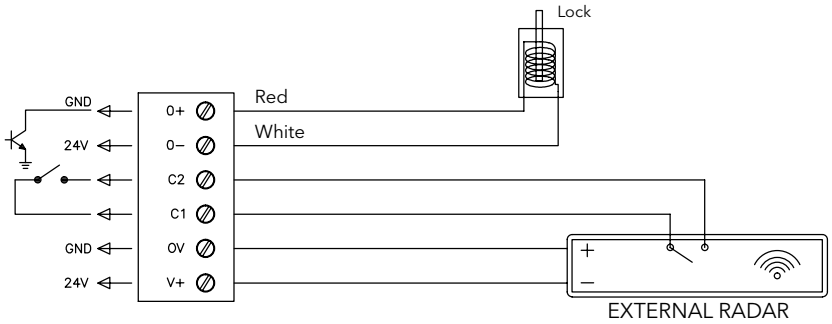
LINEAR MOTOR				
Type:	**"PMSM" Permanent magnet synchronous motor**			
	Iron core. 3 Phases - 4 Poles - 24 V			
Magnets:	**Neodymium 35 H**		**Pitch Pole 25 mm**	
Consumption:	**Peak**	**120 W**	**Force:**	**80 N**
	Medium	**80 W**	**IP:**	**IP 22**
	Stand-By	**15 W**	**Class:**	**I**

ACCESSORIES			
Power:	**24 W**	**Power supply**	**24 V DC**
		Consumption	**1 A**

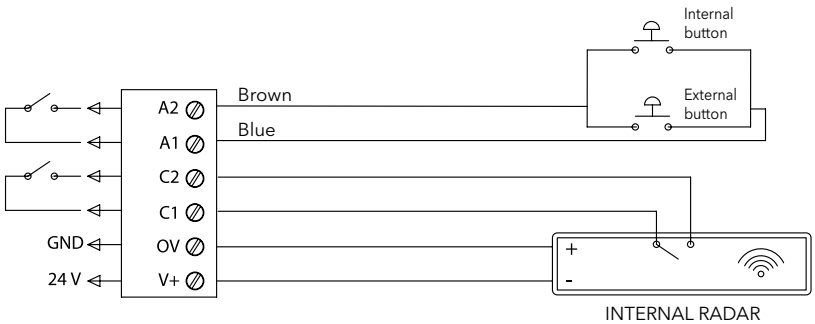
2 POWER SUPPLY INPUT



6 EXTERNAL RADAR AND LOCK CONNECTION



7 INTERNAL RADAR AND BUTTONS CONNECTION



3. DEMOLITION AND DISPOSAL

PACKAGING DISPOSAL

Package components can be assimilated to municipal waste and they can be disposed of without any difficulty, simply doing the waste separation for recycling.
Before proceeding we advise you to verify the specific directives, in the installation place.

AVOID RELASE TO THE ENVIROMENT!

PRODUCT DISPOSAL

Our products are made of different materials. Most of them (aluminium, plastic, iron, electric cables) can be assimilated to municipal waste. They can be recycled by the waste separation and disposal in the authorized centres.
Other components (printed circuit board, radio control's batteries etc.) could contain pollutants.
These one should be removed and given to companies entitled to recovery and disposal of waste.
Before proceeding we advise you to verify the specific directives, in the disposal place.

AVOID RELASE TO THE ENVIROMENT!

4. PART I. INSTALLATION MANUAL

4. 1 INTRODUCTION

This part of the manual is dedicated to qualified installers only.

Before installing the E-MOTION automatic control, you must read and fully understand this part of the manual.

The installation of the E-MOTION automatic control must be performed by competent technical staff in possession of technical tools required by the law in the place of installation.

4. 2 RISK ANALYSIS

Below is the table with details of the different phases of installation, risks and safety measures to be taken:

N°	Phase	Risks	Protection measures
0	Track disassembly	Cut - Crushing	Gloves
1	EMOTION automatic control description	Cut - Crushing	Gloves
2	Cover disassembly	Cut - Crushing	Gloves
3	Control installation in the pocket system	Cut - Crushing	Gloves
4	Electronic components	Cut - Crushing	Gloves
5	Accessories testing and connection	Cut - Crushing	Gloves
6	Functioning test	Cut - Crushing	Gloves
7	Cover assembly	Cut - Crushing	Gloves
8.a	Wooden door installation	Cut - Crushing	Gloves - Safety shoes
8.b	Glass doors installation	Cut - Crushing	Gloves - Safety shoes
9	Commissioning ON	Cut - Crushing	Gloves

4. 3 PRE-INSTALLATION OPERATIONS

Read the manual before installation: it is important for your safety to respect the instructions in this document. Incorrect installation can cause serious injury.
Make sure the installation area is closed to unauthorized persons.
During installation and maintenance, use accident prevention equipment.

Make sure that the package includes all the necessary components for the guide assembly and that they are in good condition. Prepare all the required tools for assembly.

During assembly and connection make sure to operate without tension.

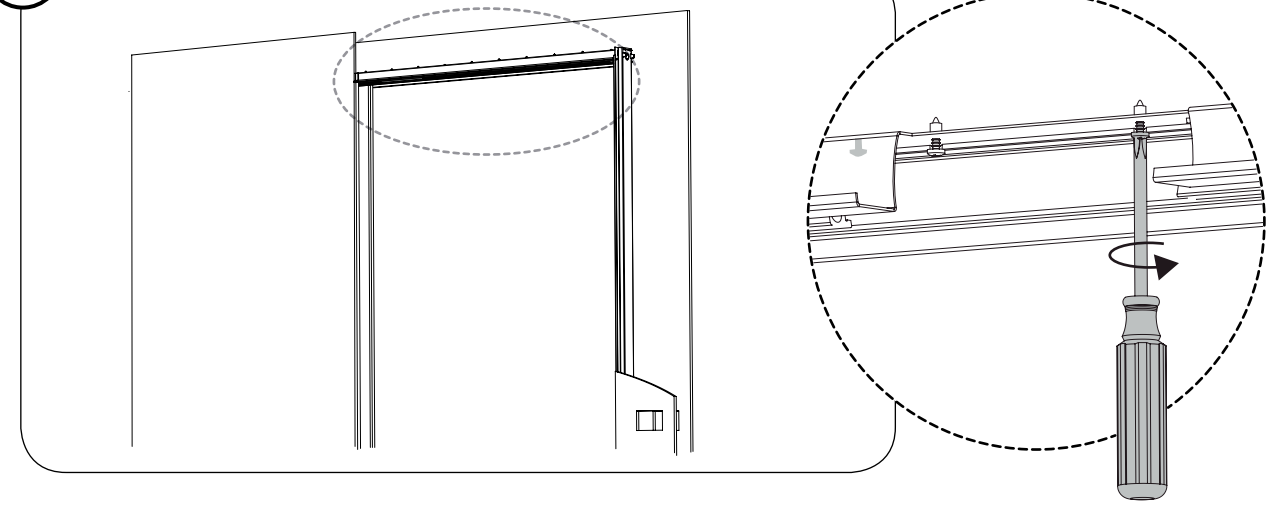
4. 4 INSTALLATION PHASES

Usually these are the installation phases:

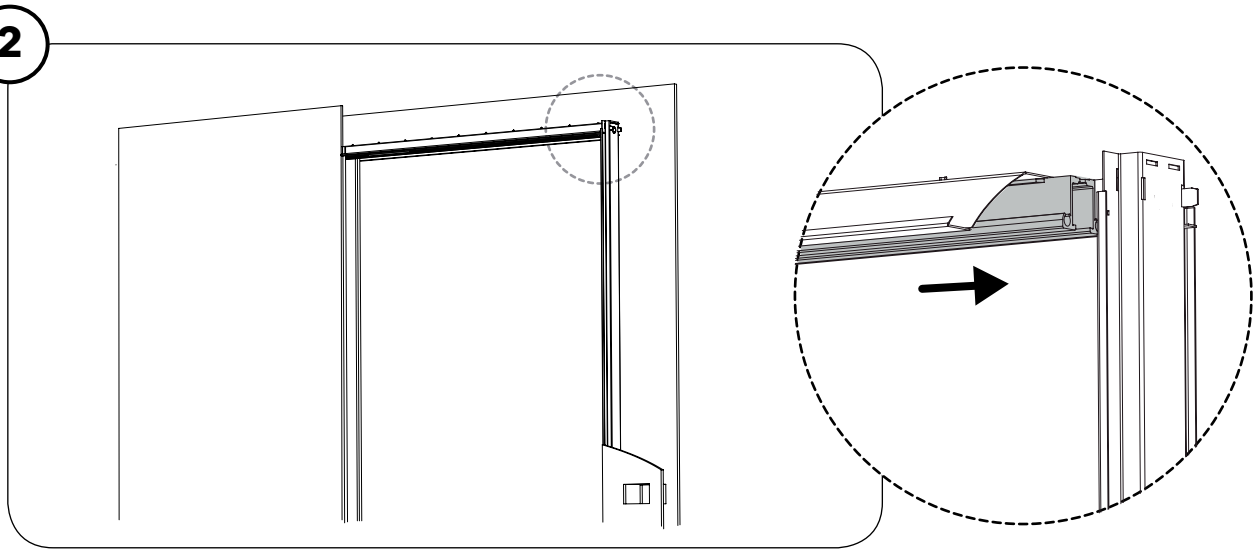
Here follow the visual instructions of each and every phase.

0. TRACK DISASSEMBLY

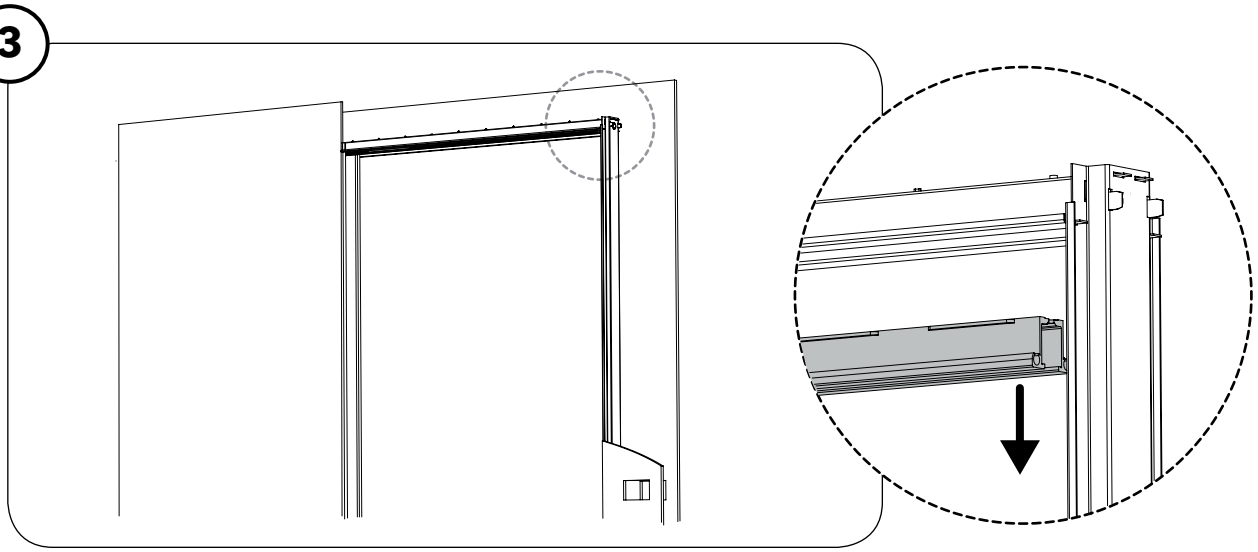
1



2

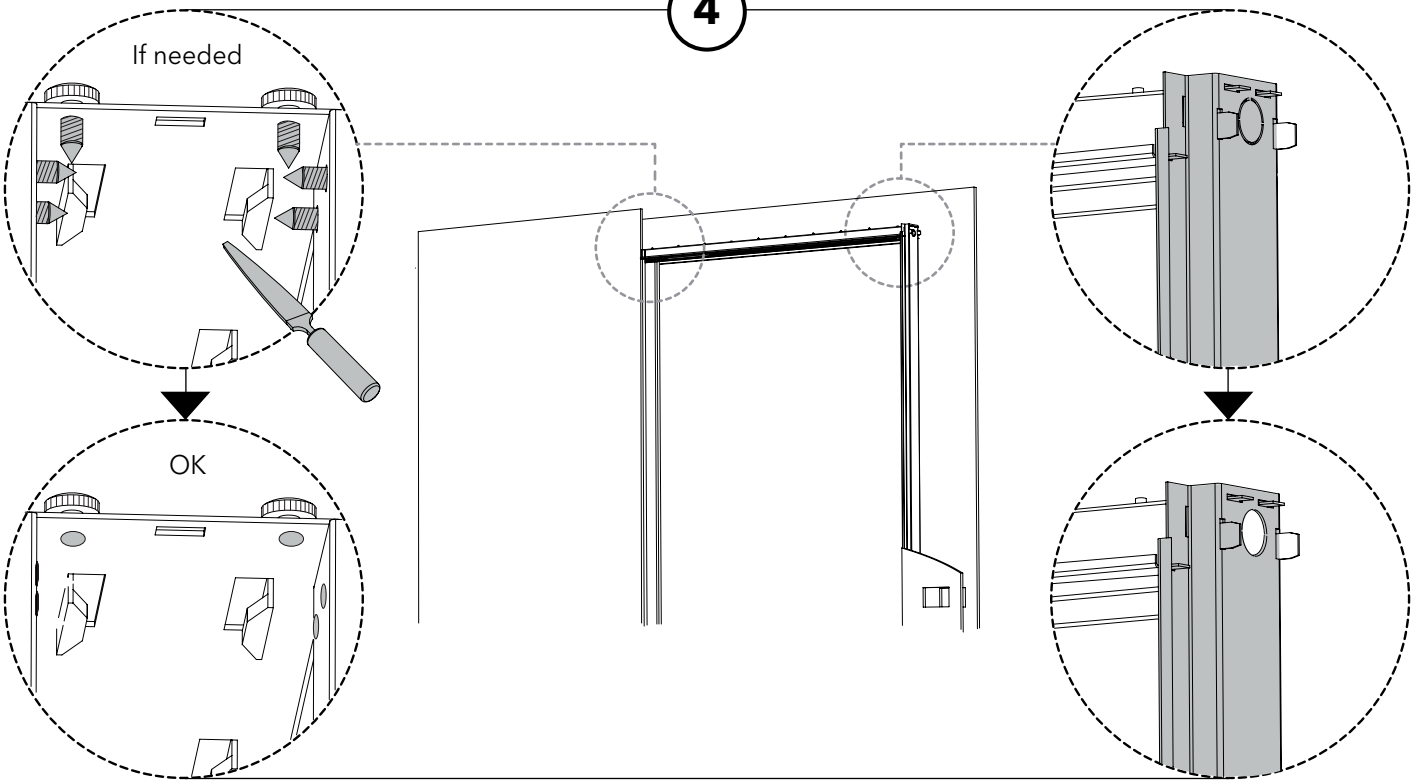


3

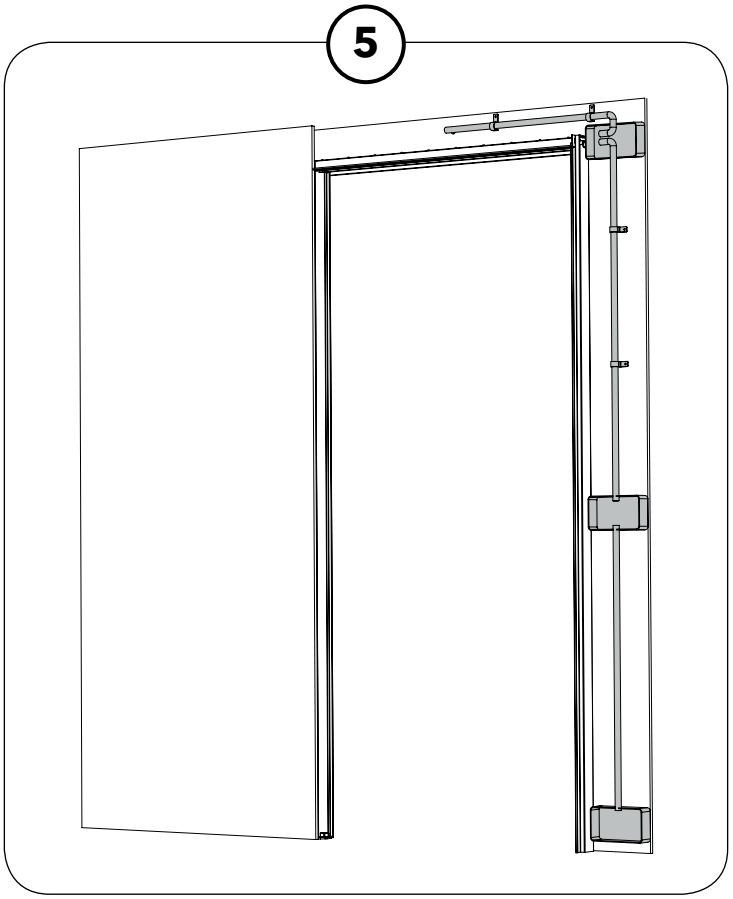


0. TRACK DISASSEMBLY

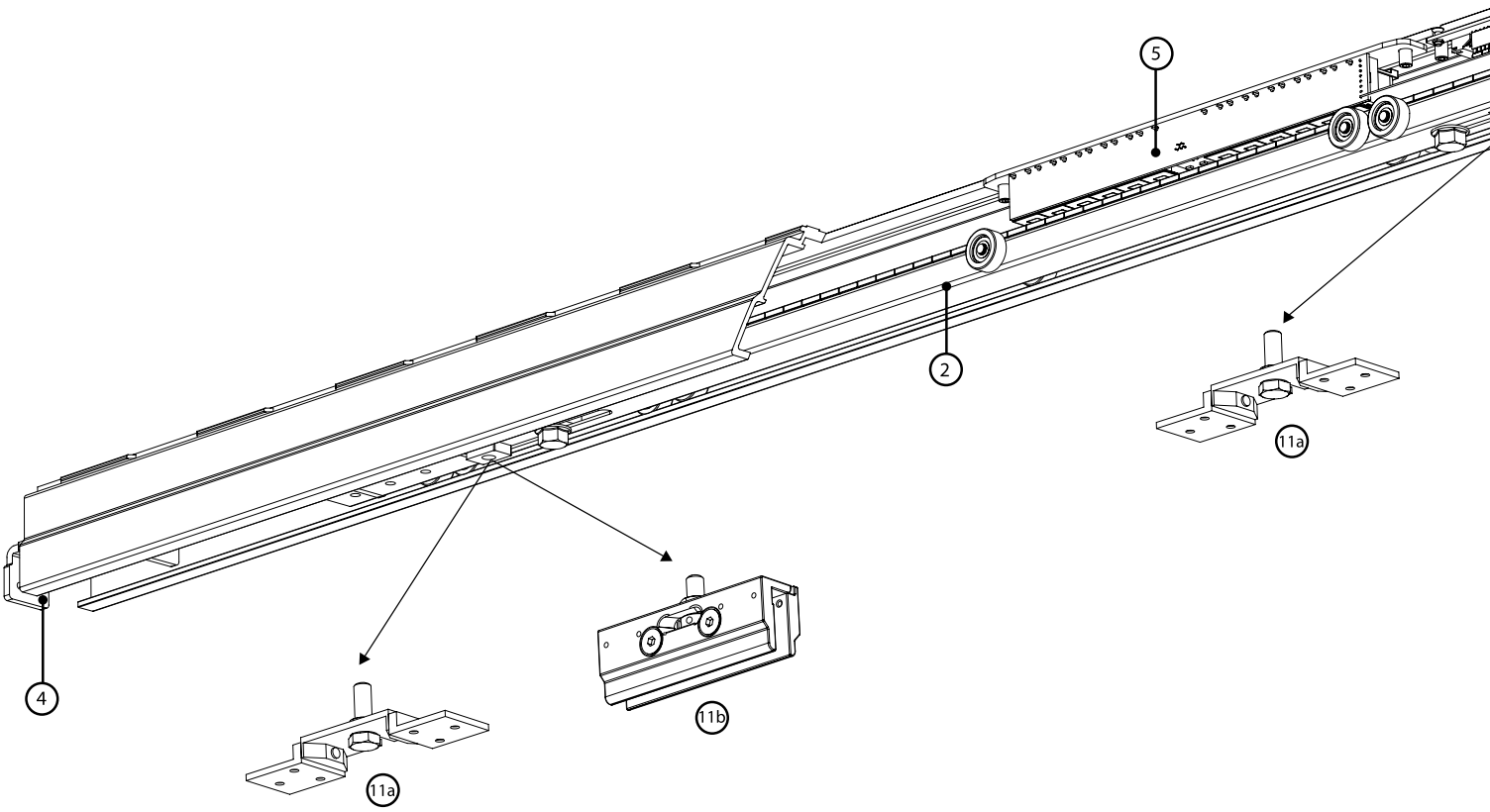
4



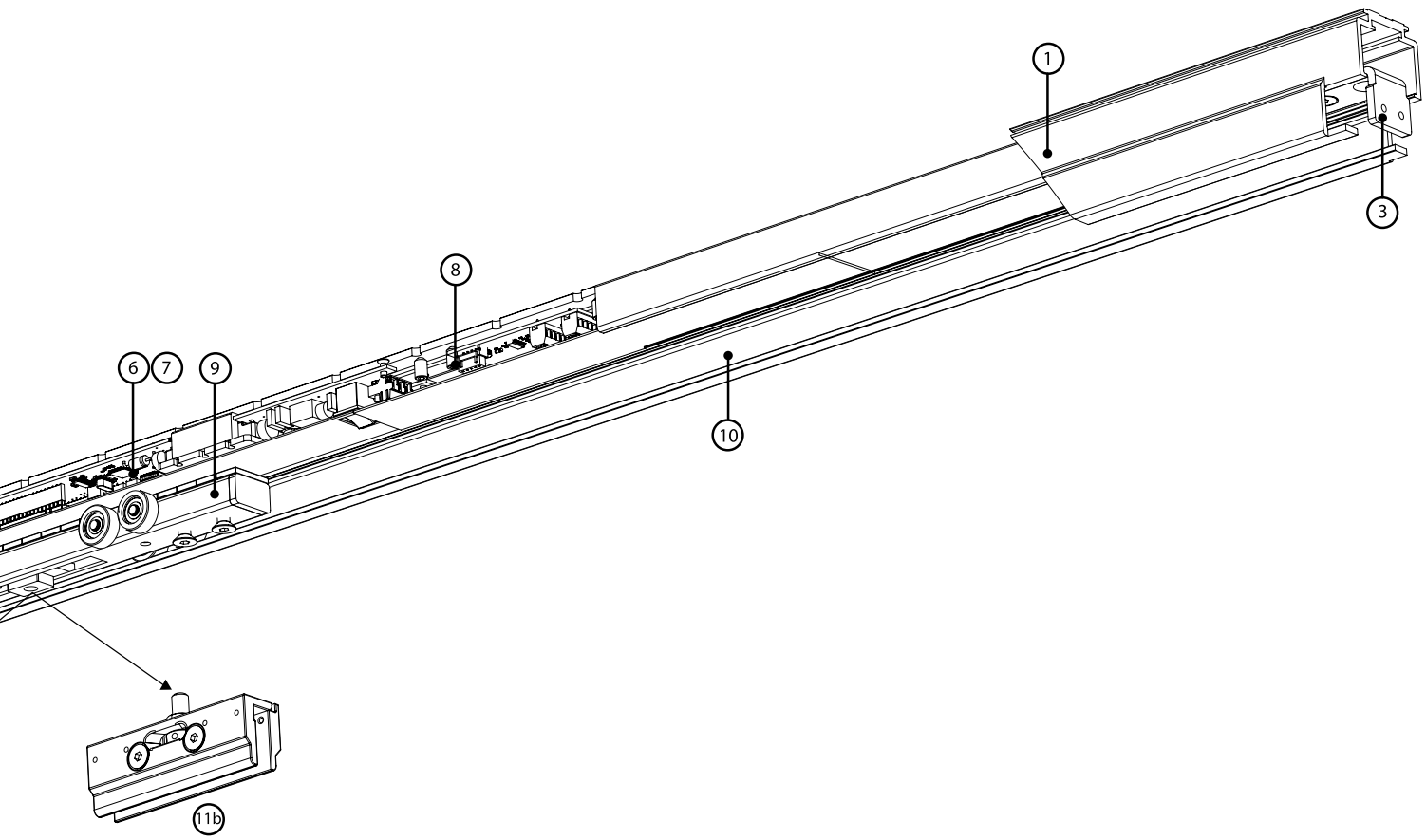
5



1. E-MOTION AUTOMATIC CONTROL DESCRIPTION

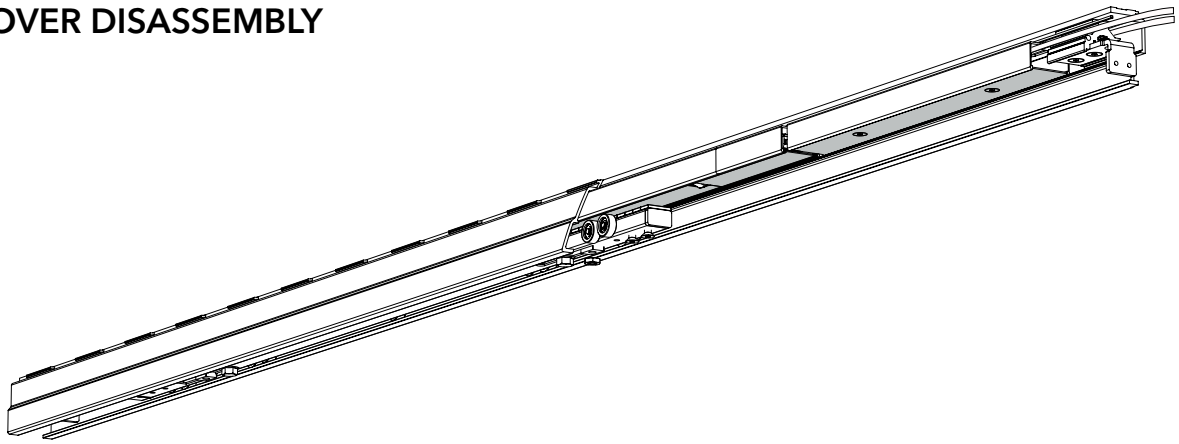


1 Principal profile
2 Hung-door track
3 Stop – closing
4 Stop – opening
5 Linear motor 225x18x26 4P
6 Control electronic
7 Power electronic
8 Accessories electronic
9 Permanent magnets' array
10 Lower cover
11a Wooden door adjustable suspension
11b Glass door adjustable suspension

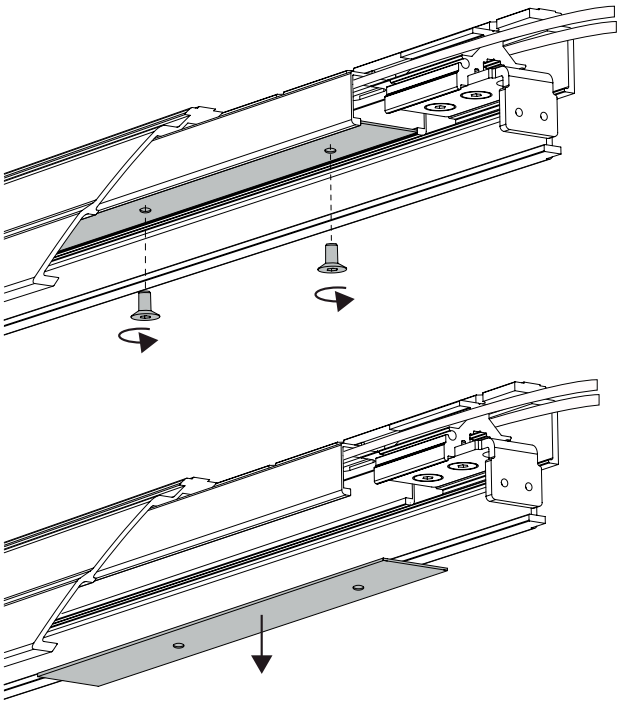


ELECTRICAL SPECIFICATIONS - see pag. 8

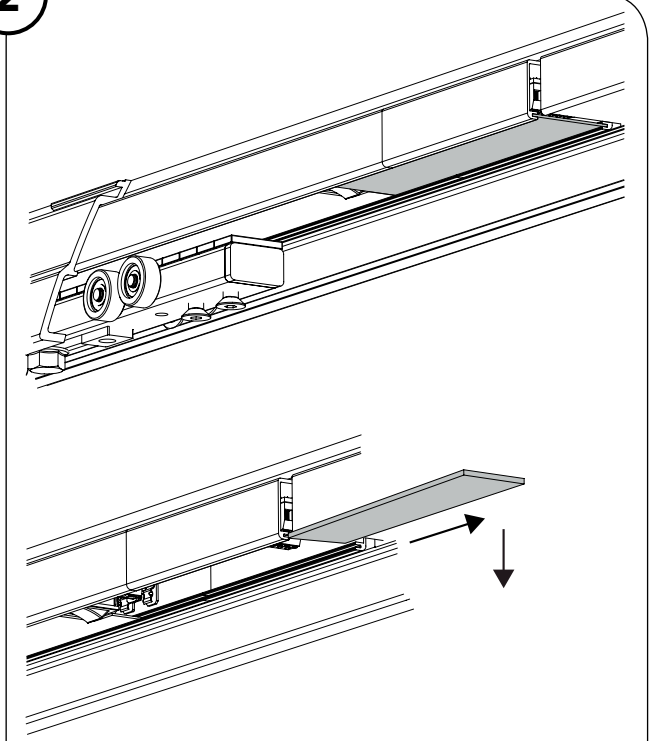
2. COVER DISASSEMBLY



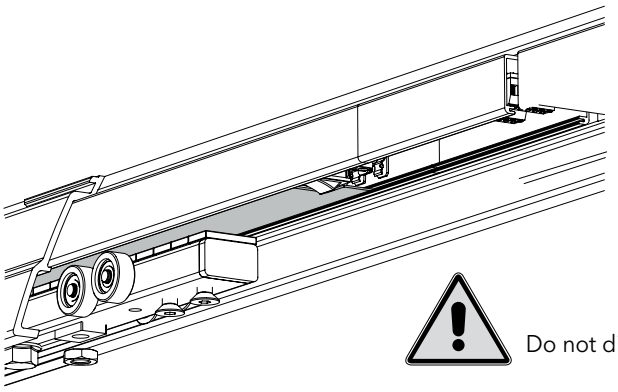
1



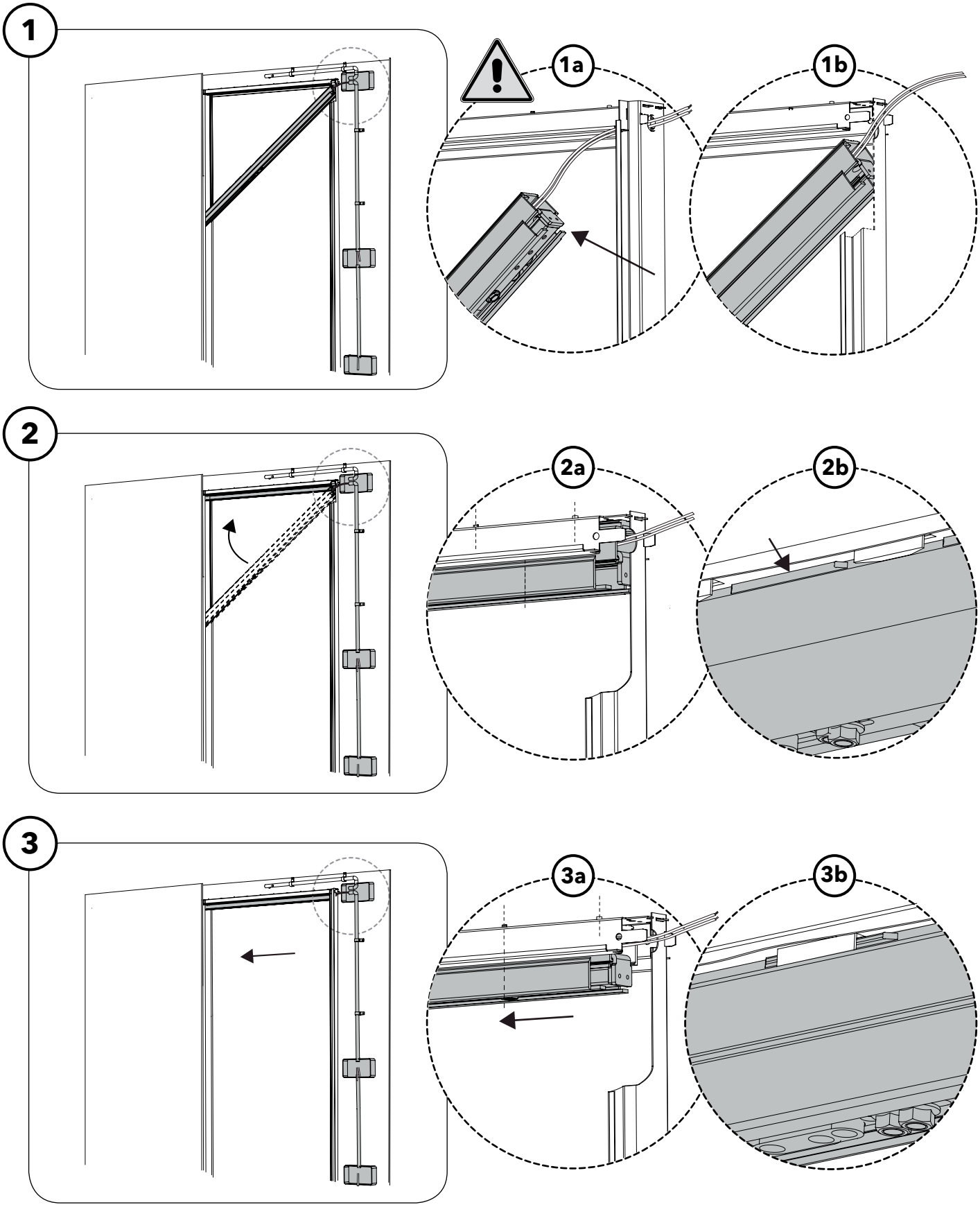
2



3

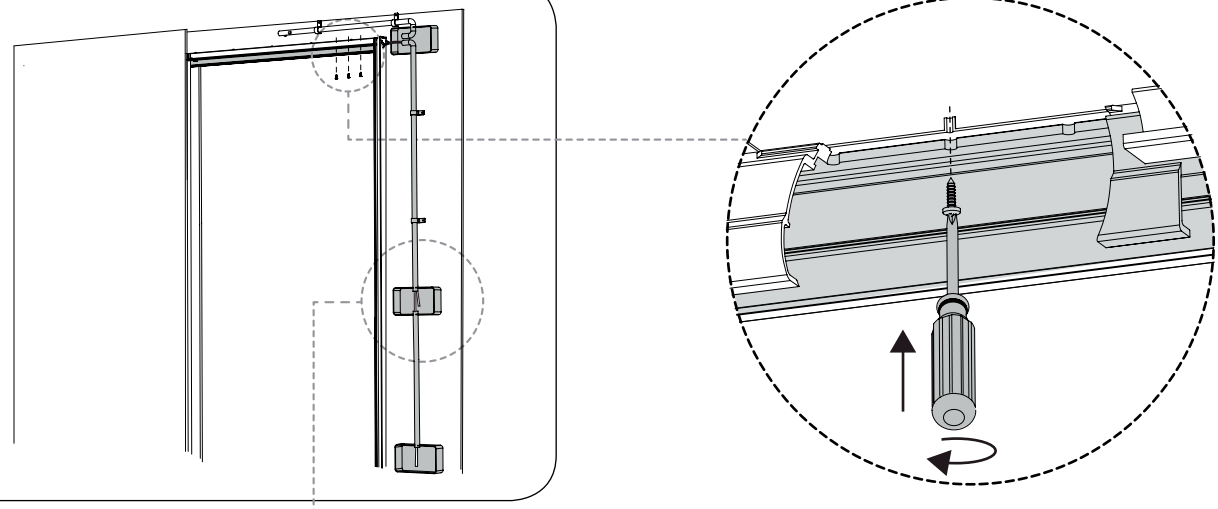


3. CONTROL INSTALLATION IN THE POCKET SYSTEM

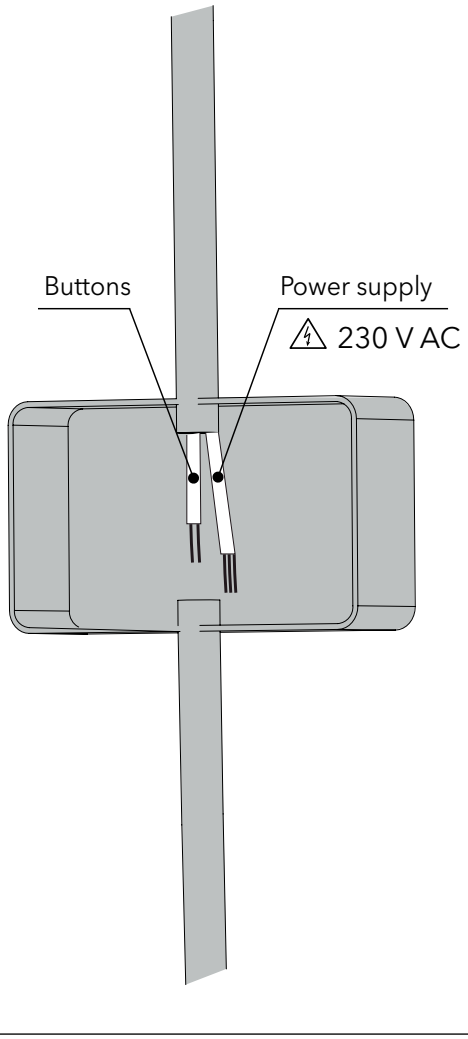


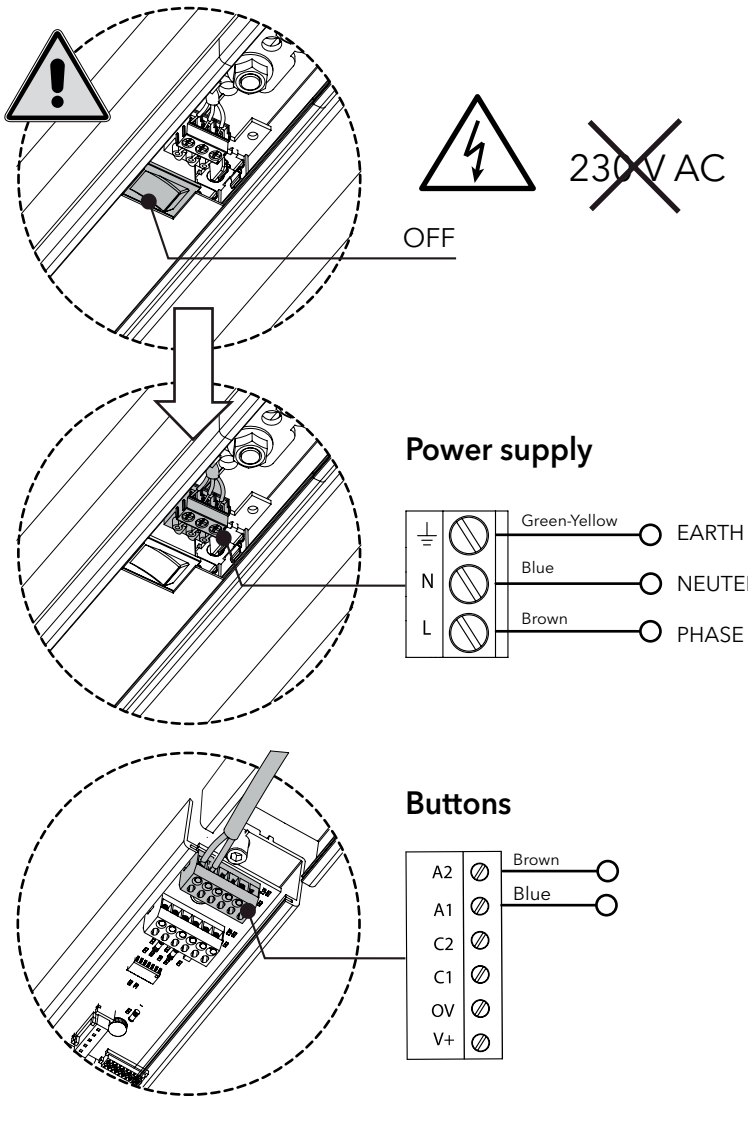
3. CONTROL INSTALLATION IN THE POCKET SYSTEM

4

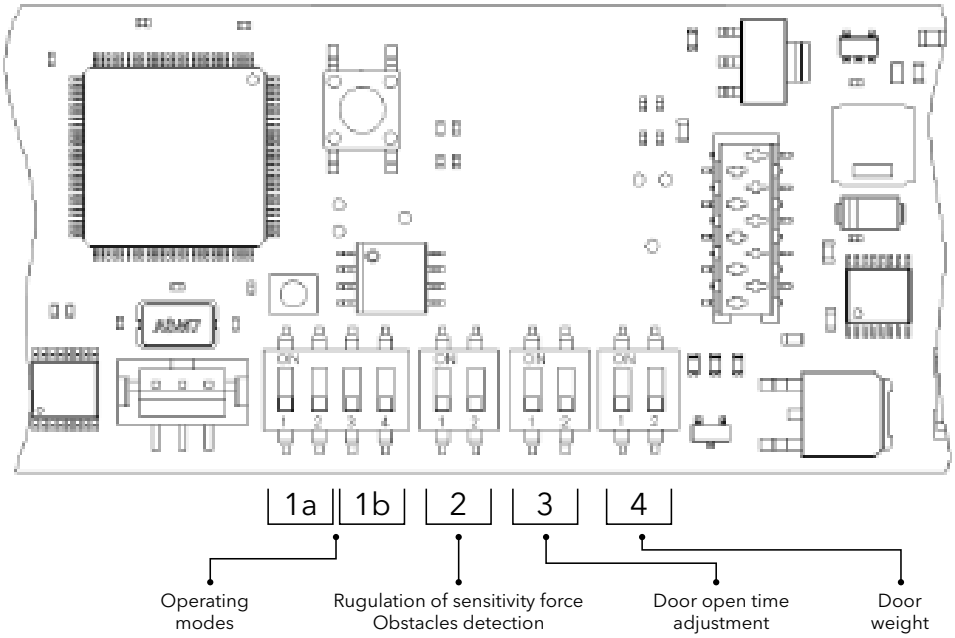


5





4. ELECTRONIC COMPONENTS



Operating modes 1a	Switch 1		Switch 2	Operating modes	To confirm the change
	OFF		OFF	Customer Mode	Automatic
	ON		ON	Cyclic	Automatic
	OFF		OFF	Without Remote Control	Automatic
	OFF		ON	With Remote Control	Automatic

Opening speed adjustment 1b	Switch 1		Switch 2	Opening speed adjustment	To confirm the change in sensitivity
	OFF		OFF	Average speed	ON/OFF selector switch
	ON		OFF	High Speed	ON/OFF selector switch
	OFF		ON	Low Speed or "Low Energy"	ON/OFF selector switch
	ON		ON		ON/OFF selector switch

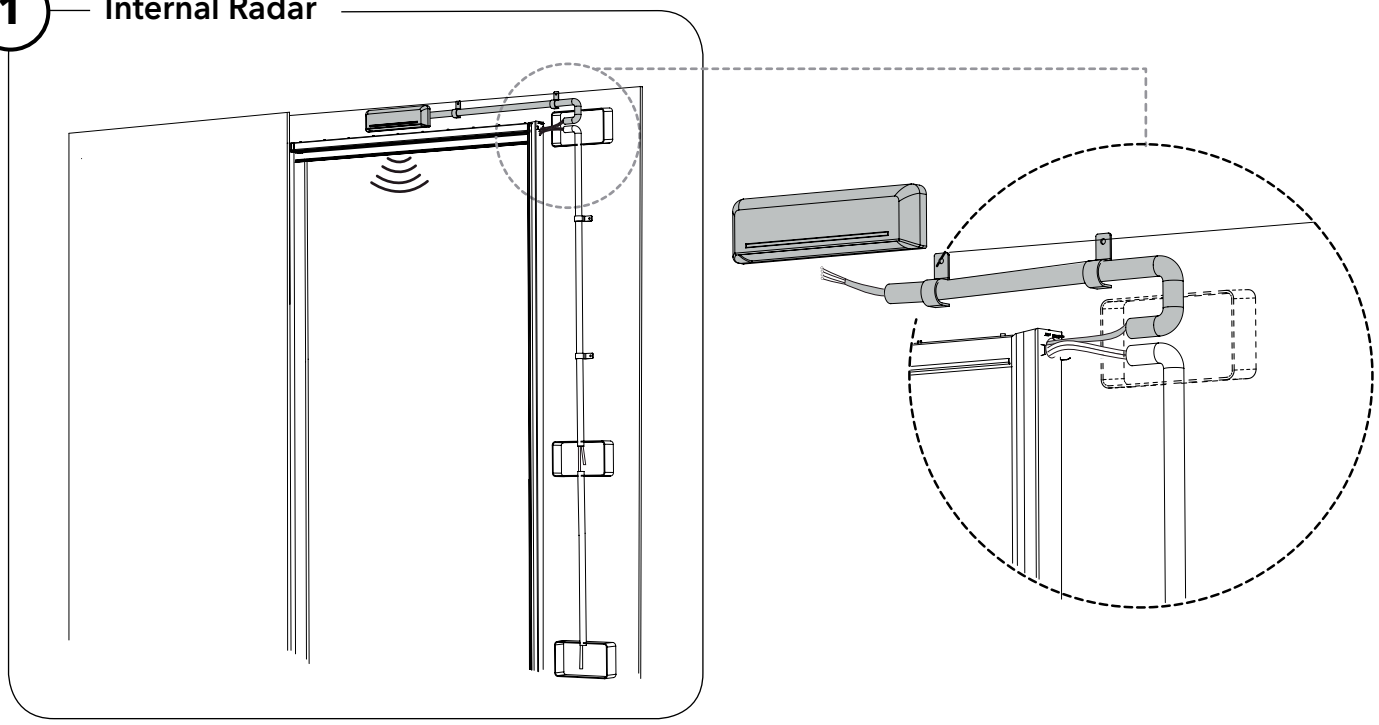
Rugulation of sensitivity force Obstacles detection 2	Switch 1		Switch 2	Rugulation of sensitivity force Obstacles detection	To confirm the change in sensitivity
	OFF		OFF	High	ON/OFF selector switch
	ON		OFF	Medium high	ON/OFF selector switch
	OFF		ON	Medium low	ON/OFF selector switch
	ON		ON	Low	ON/OFF selector switch

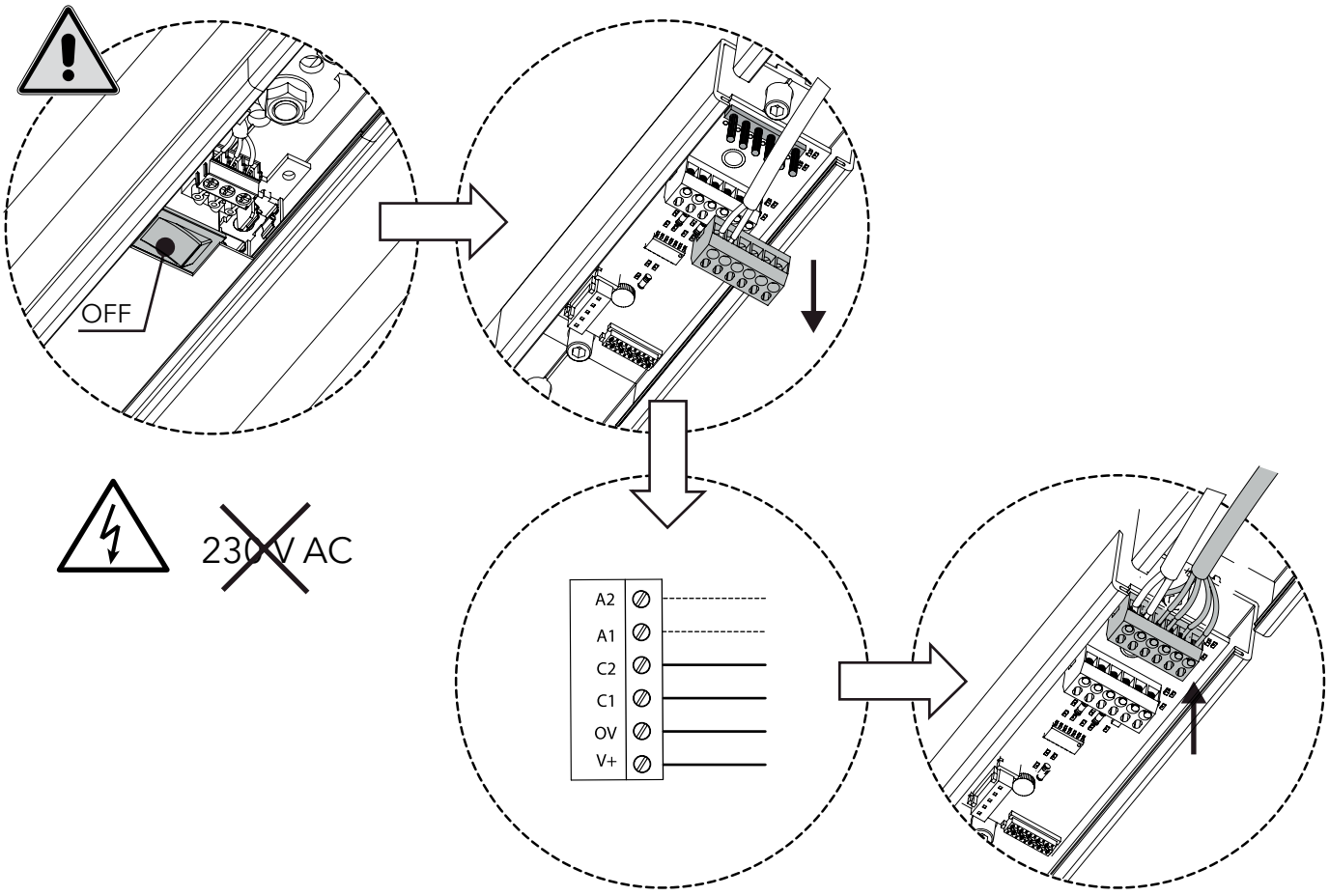
Door open time adjustment 3	Switch 1		Switch 2	Door open time adjustment	To confirm the change in sensitivity
	OFF		OFF	2,5 Seconds	ON/OFF selector switch
	ON		OFF	5 Seconds	ON/OFF selector switch
	OFF		ON	10 Seconds	ON/OFF selector switch
	ON		ON	20 Seconds	ON/OFF selector switch

Inserting the door weight 4	Switch 1		Switch 2	Inserting the door weight	To confirm weight
	OFF		OFF	0-20 kg	ON/OFF selector switch
	ON		OFF	20-40 kg	ON/OFF selector switch
	OFF		ON	40-60 kg	ON/OFF selector switch
	ON		ON	60-80 kg	ON/OFF selector switch

5. ACCESSORIES TEST AND CONNECTION

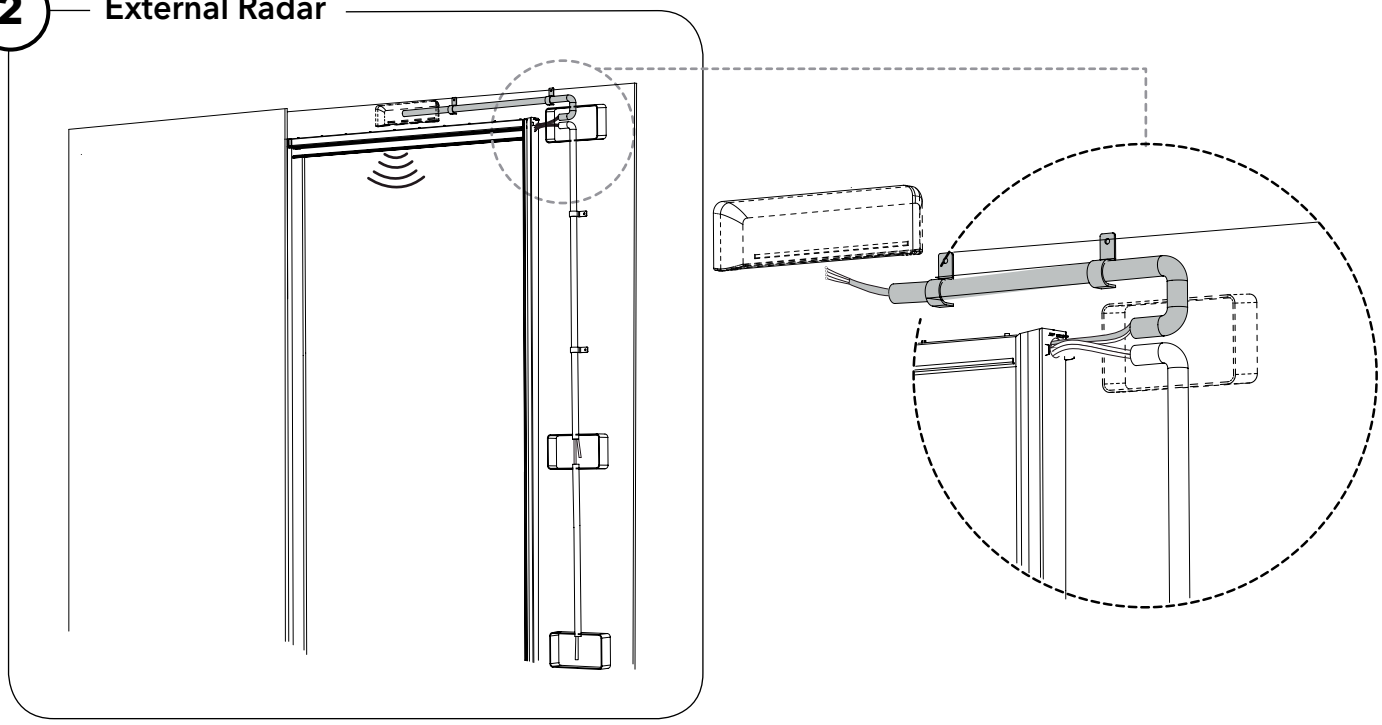
1 Internal Radar

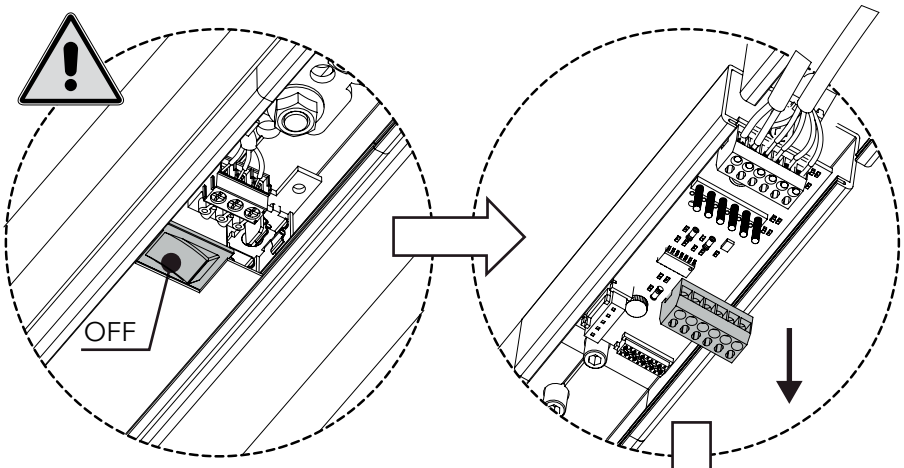


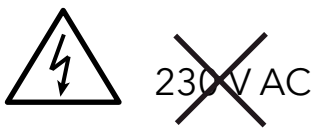


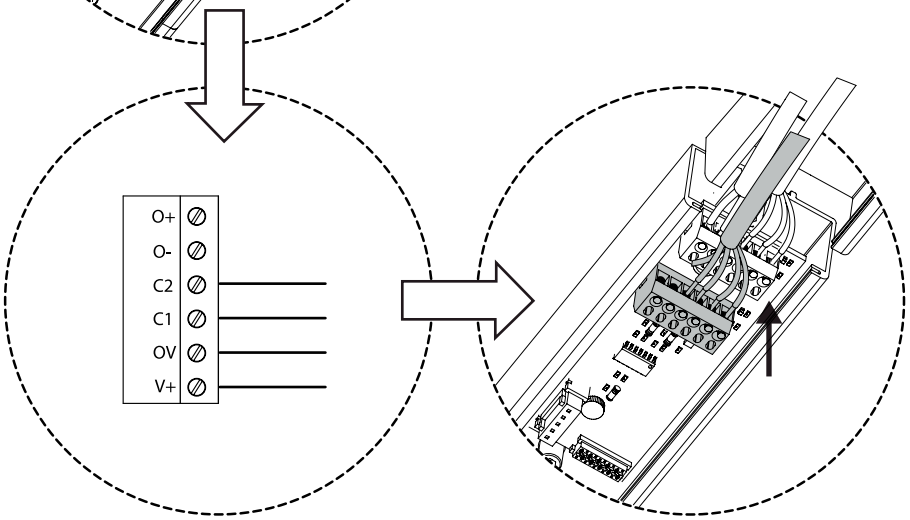
5. ACCESSORIES TEST AND CONNECTION

2 External Radar





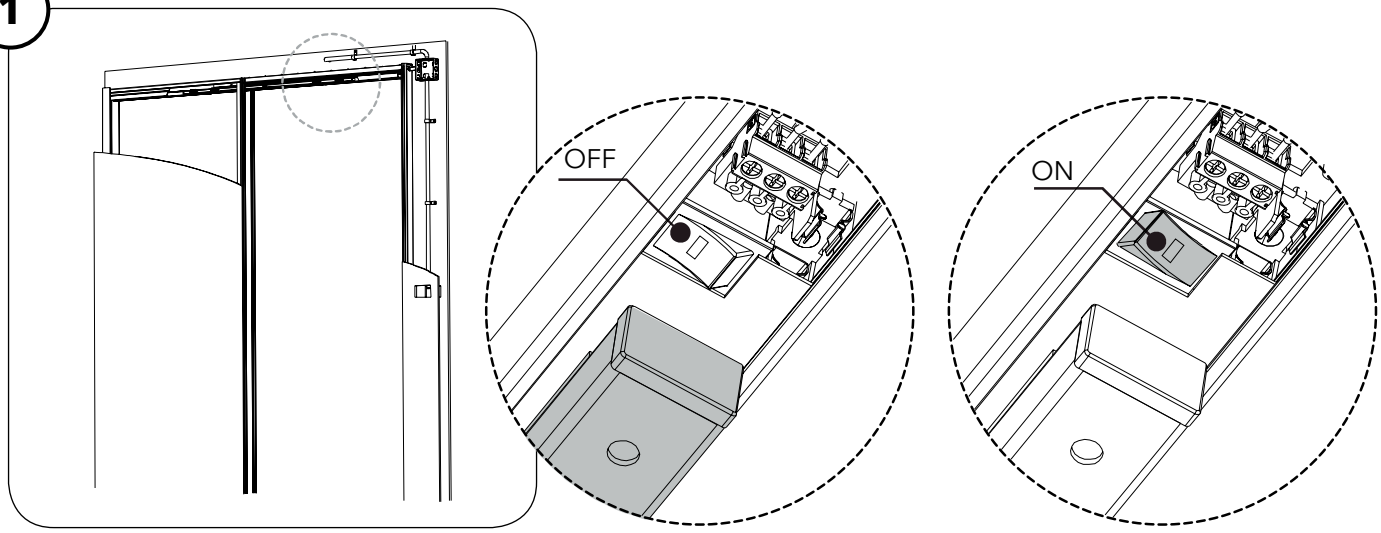




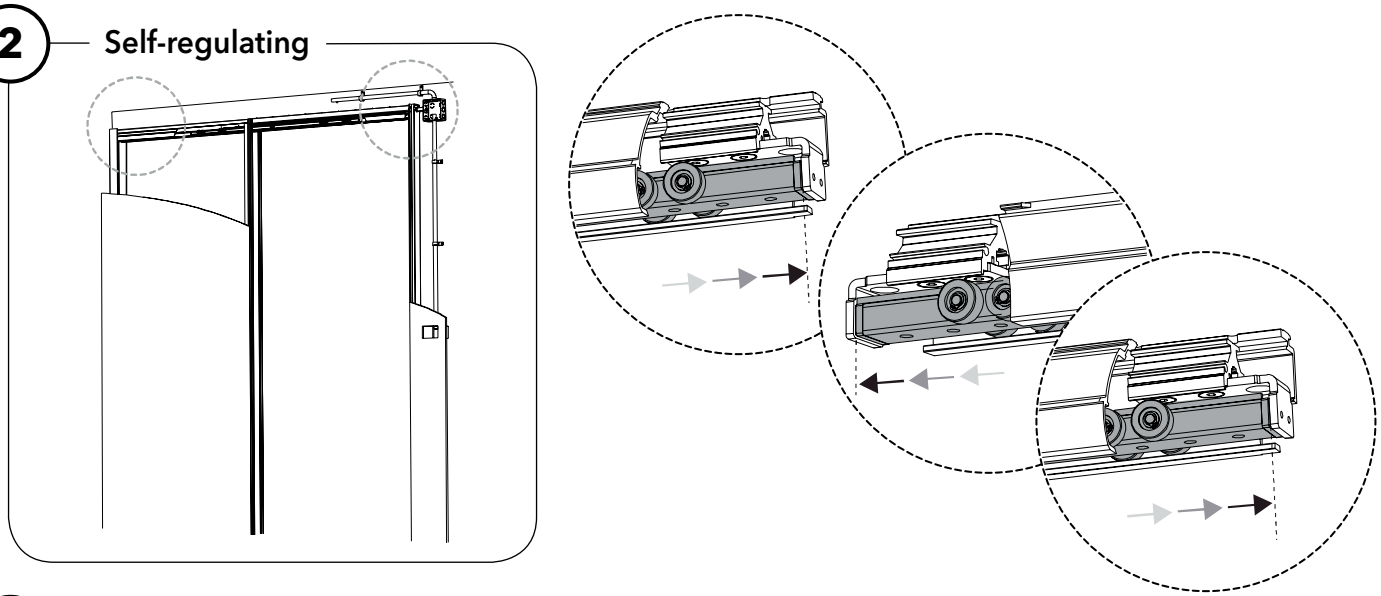
6. FUNCTIONING TEST

ADVICE: It is raccomended to test the automatic control without the activation elements (button, radar). In case of successful operation, connect the accessories and make the test again. This method allows to detect a potential malfunction.

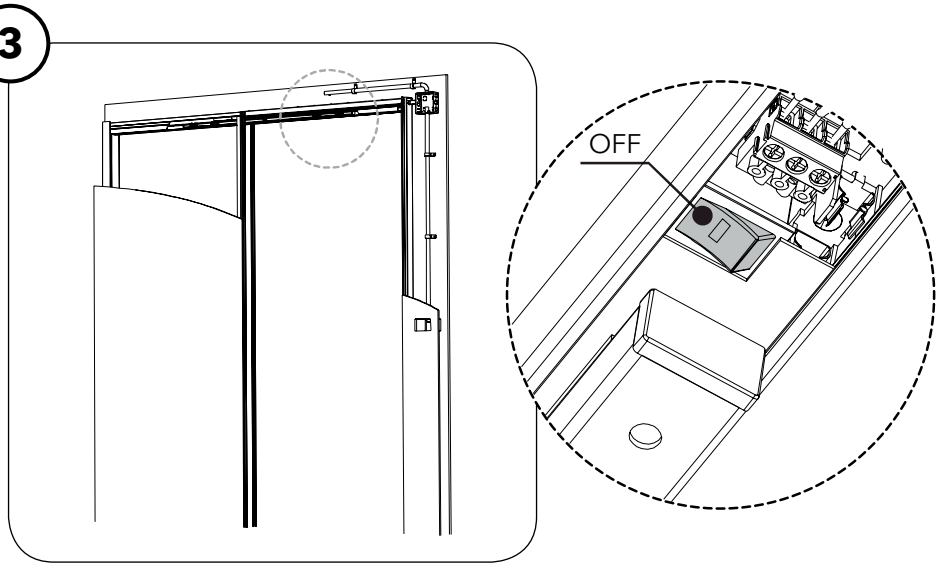
1



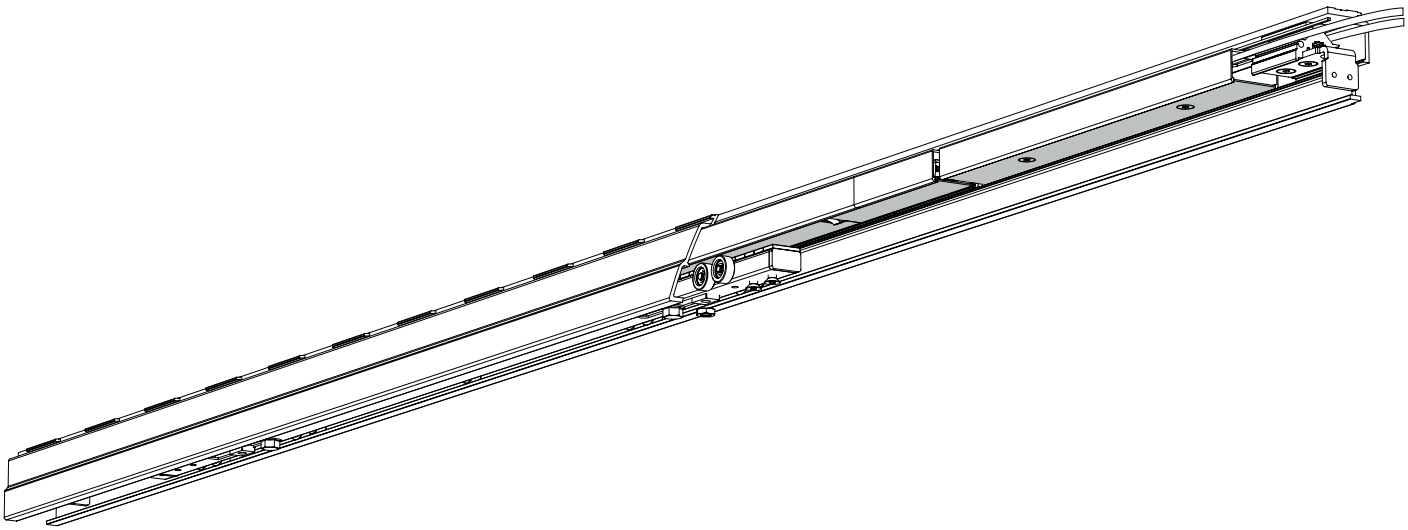
2 Self-regulating



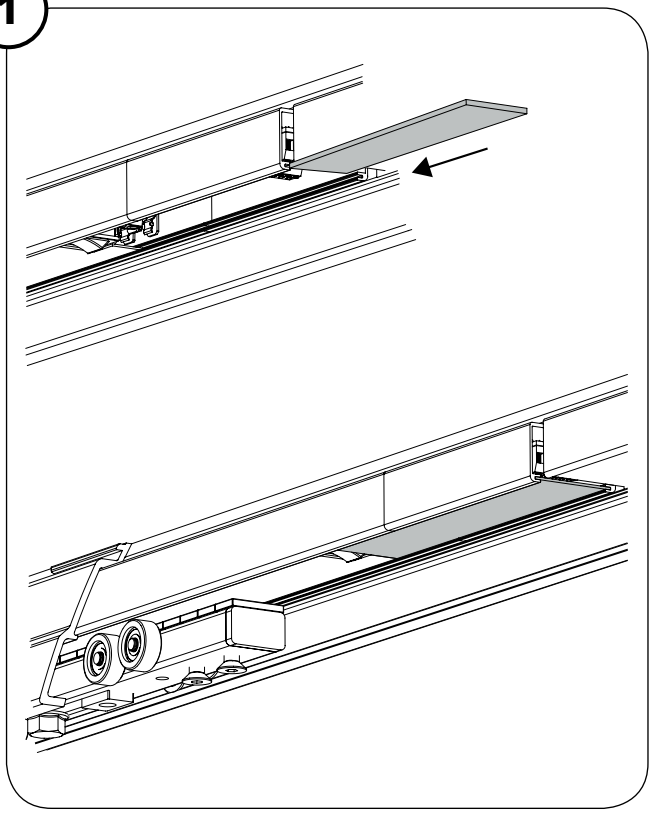
3



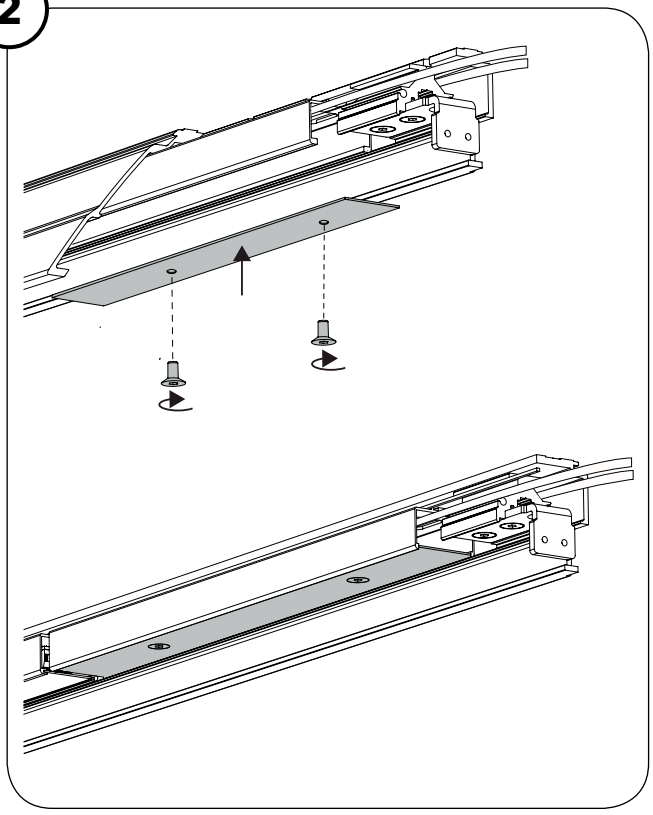
7. COVER ASSEMBLY



1

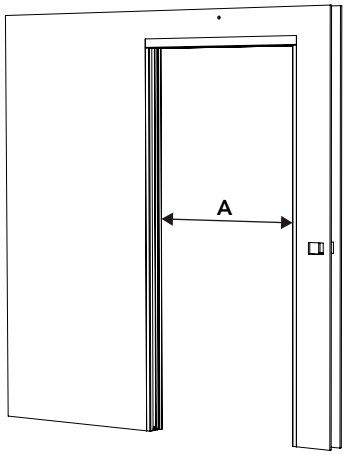


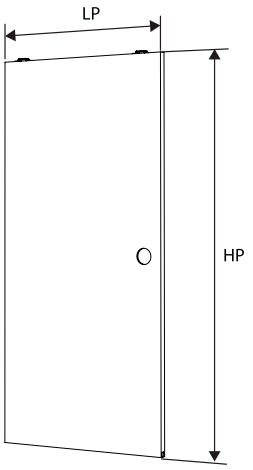
2



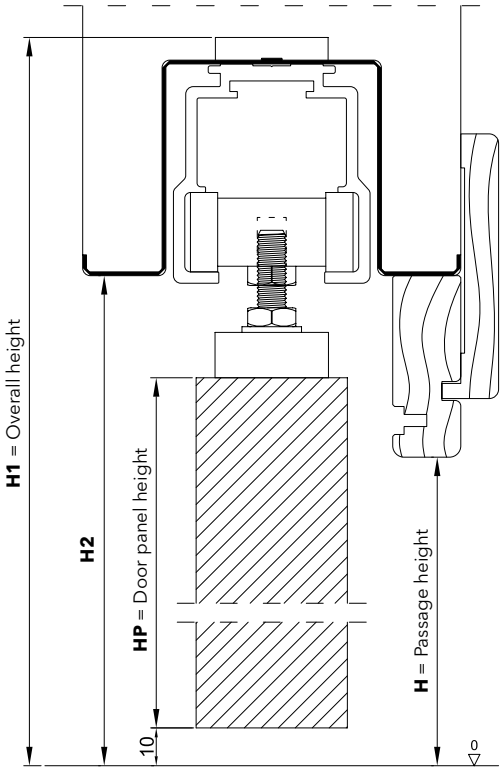
8a. WOODEN DOOR INSTALLATION

1

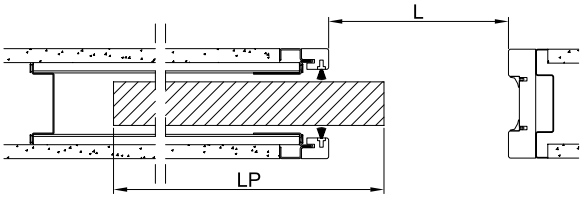




Sliding pocket door PREPARED for E-MOTION

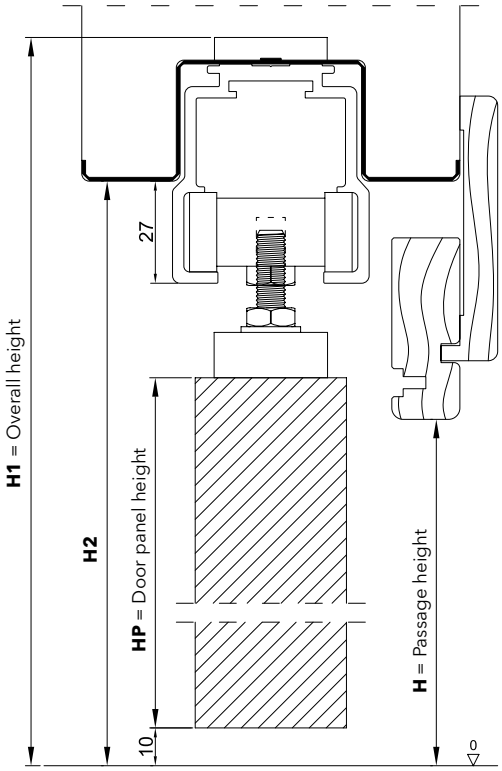


HP Door panel height = **H2** - 37 mm

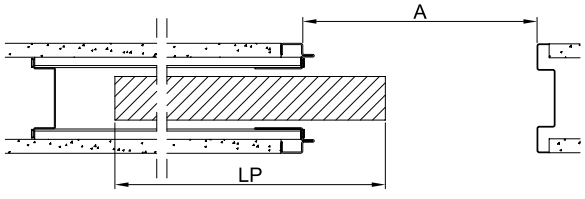


LP Door panel width = **L** + 35 mm

Sliding pocket door NOT PREPARED for E-MOTION

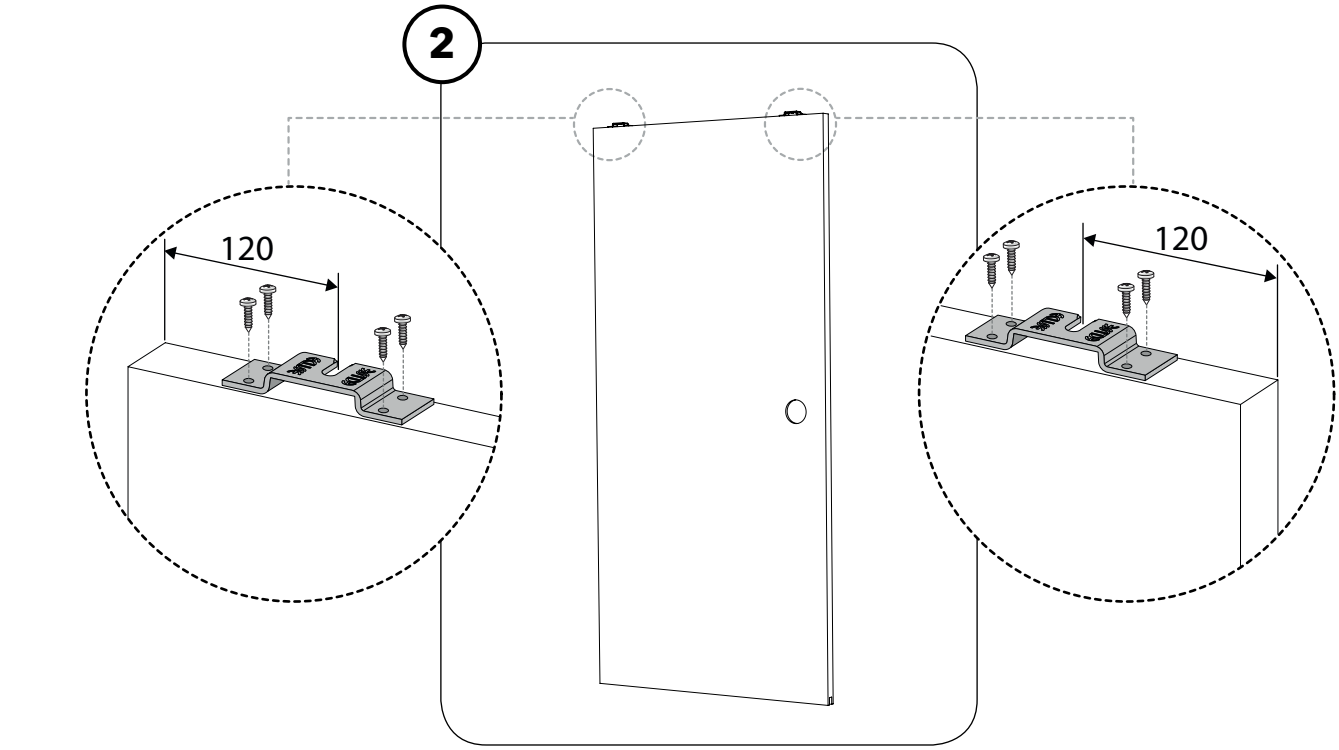


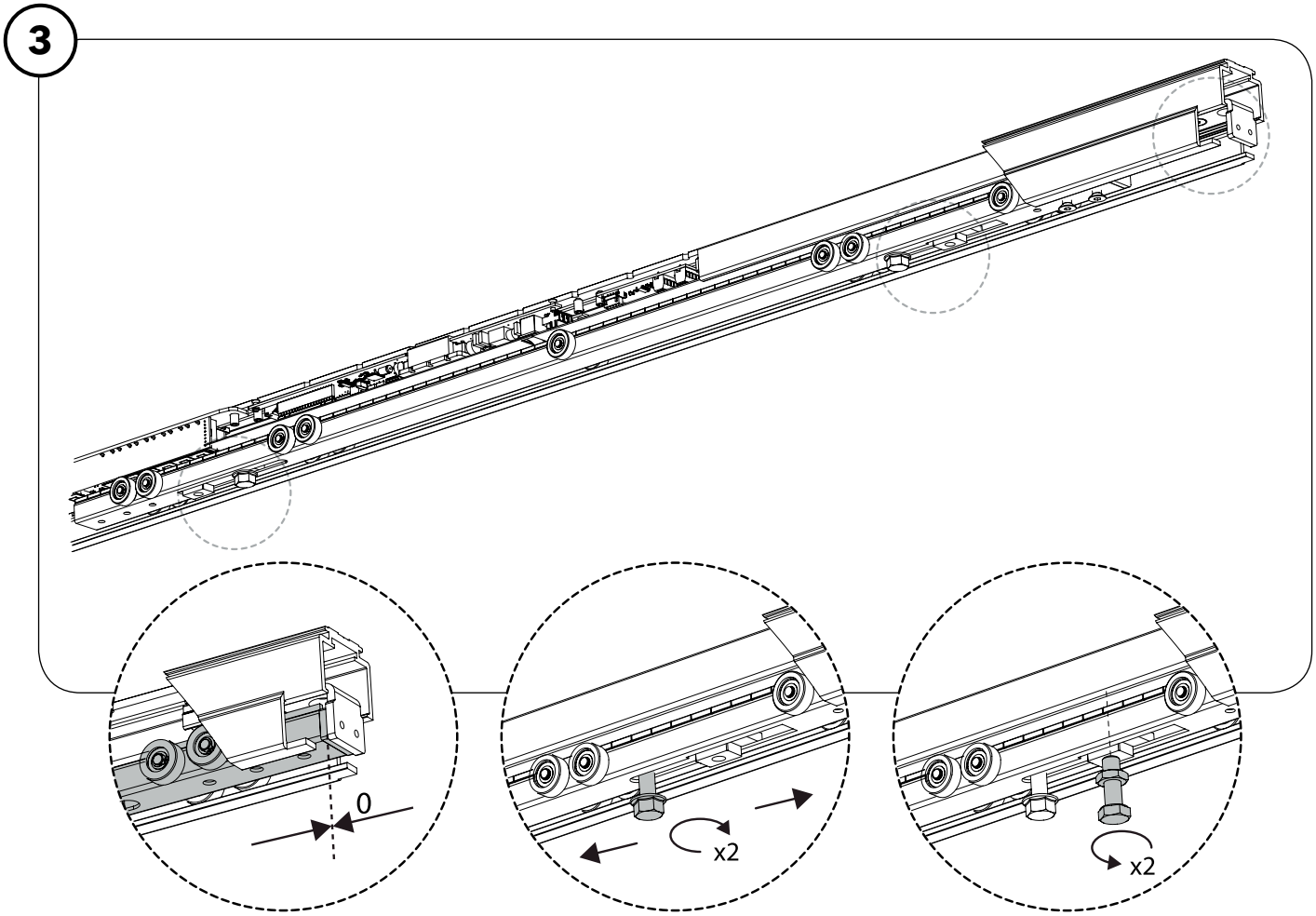
HP Door panel height = **H2** - 62 mm



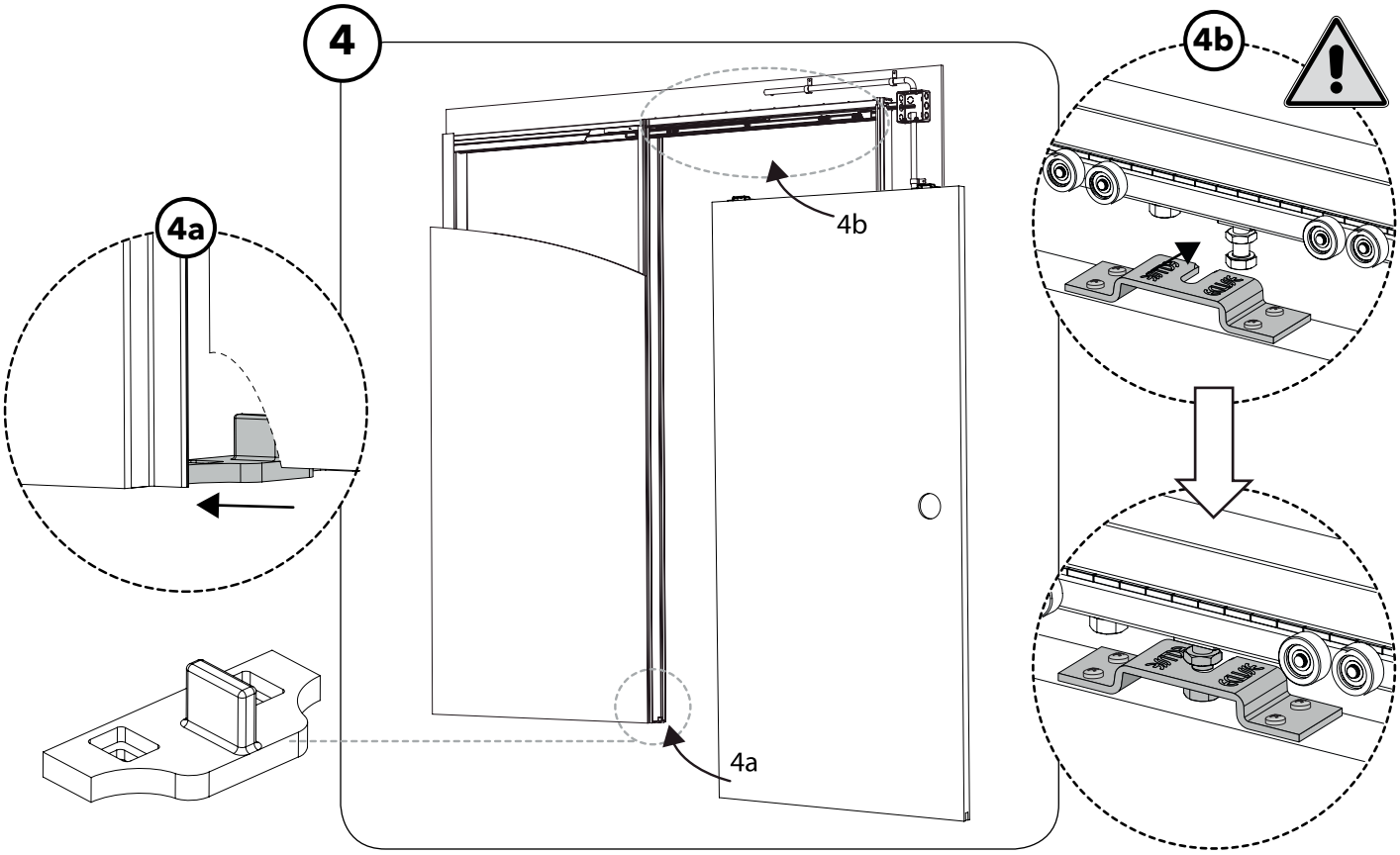
LP Door panel width = **A** - 15 mm

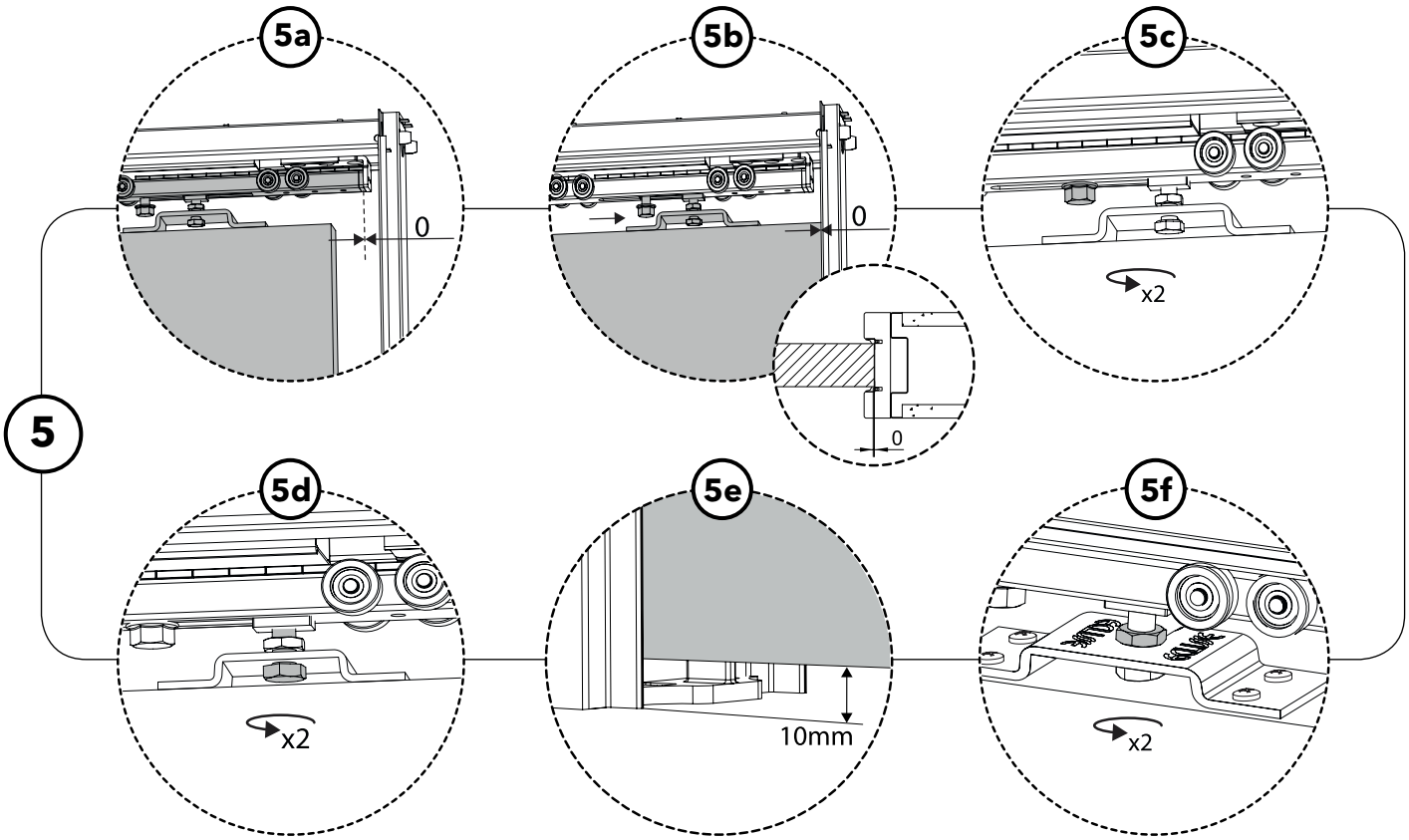
8a. WOODEN DOOR INSTALLATION





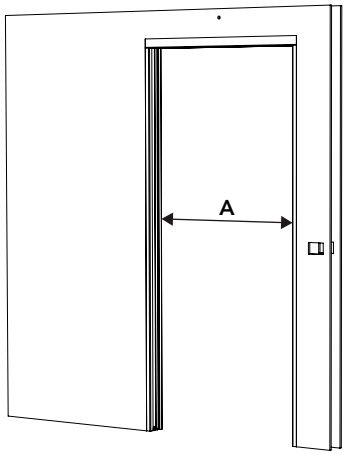
8a. WOODEN DOOR INSTALLATION

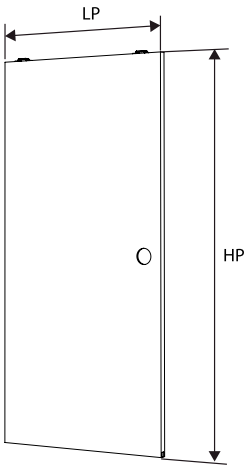




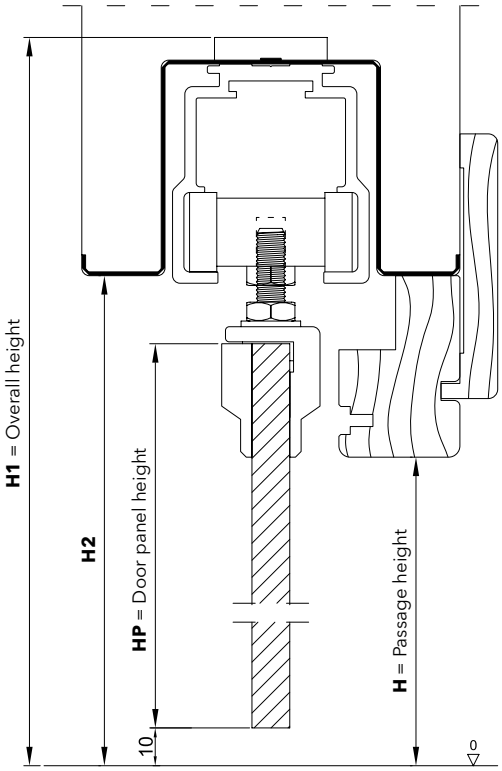
8b. GLASS DOOR INSTALLATION

1

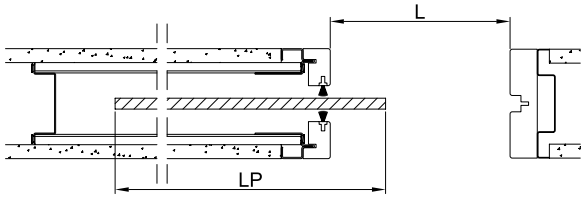




Sliding pocket door PREPARED for E-MOTION

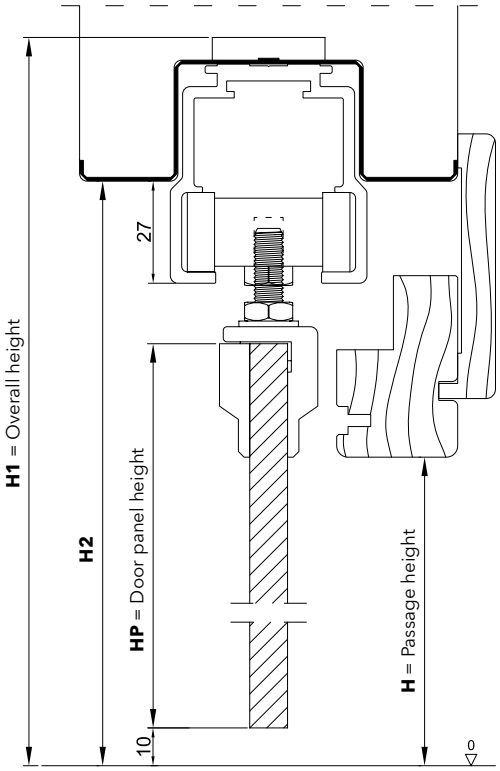


HP Door panel height = **H2** - 28 mm

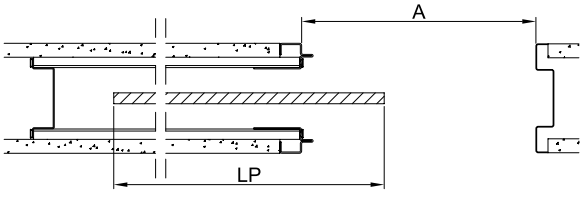


LP Door panel width = **L** + 35 mm

Sliding pocket door NOT PREPARED for E-MOTION

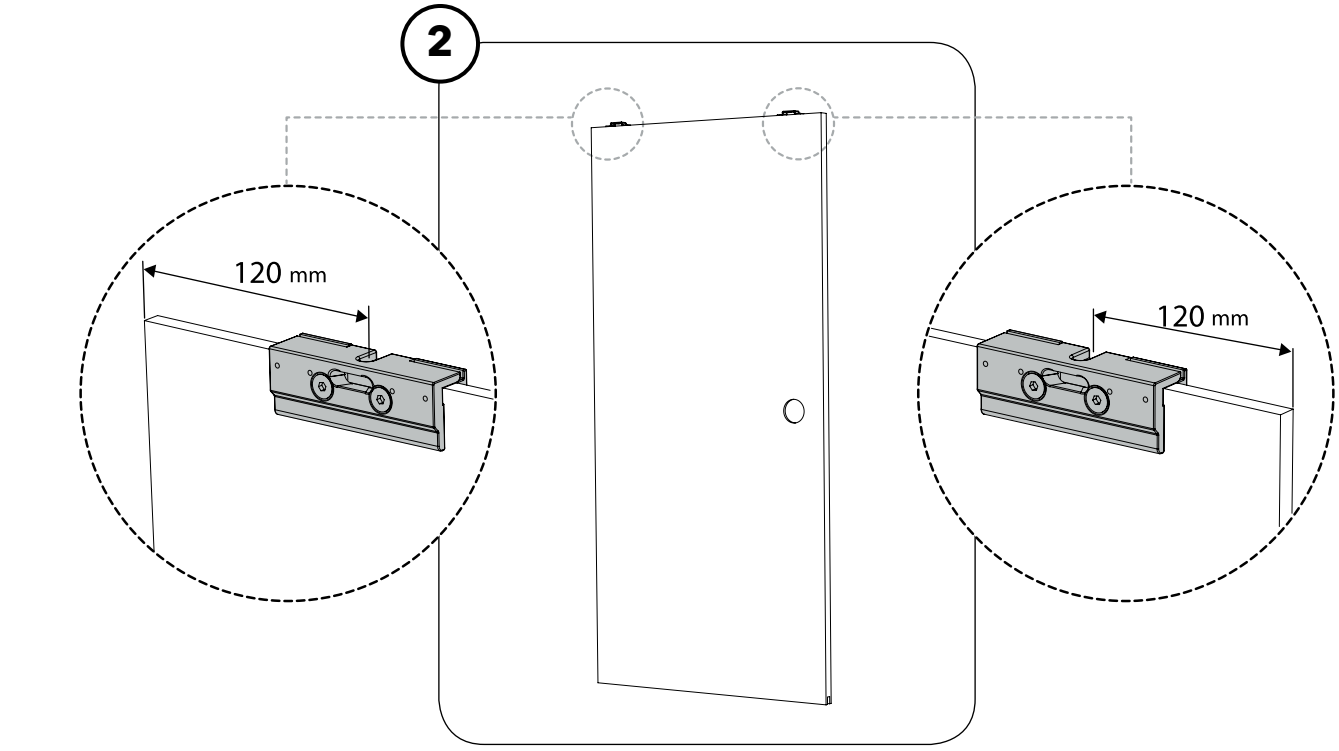


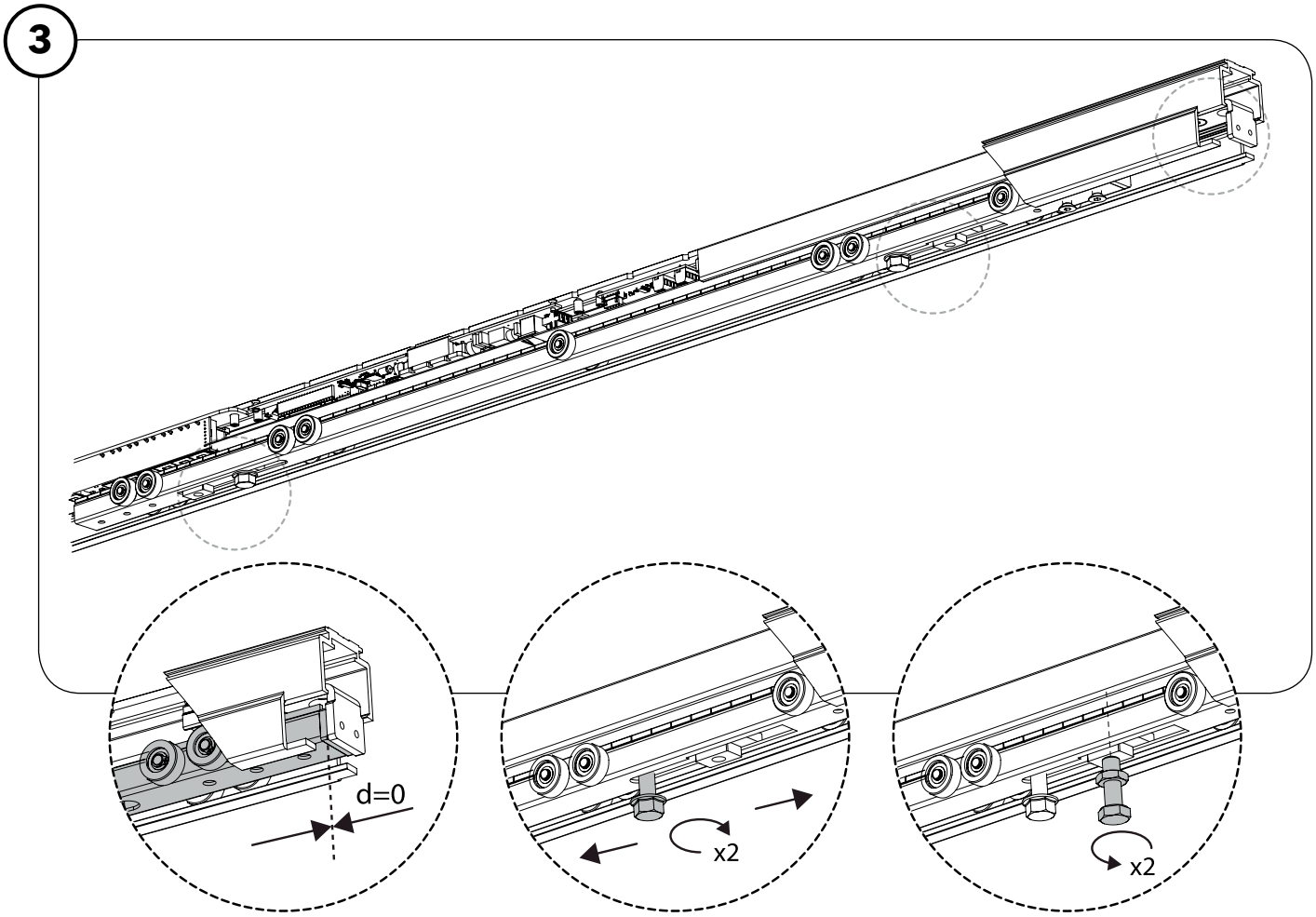
HP Door panel height = **H2** - 53 mm



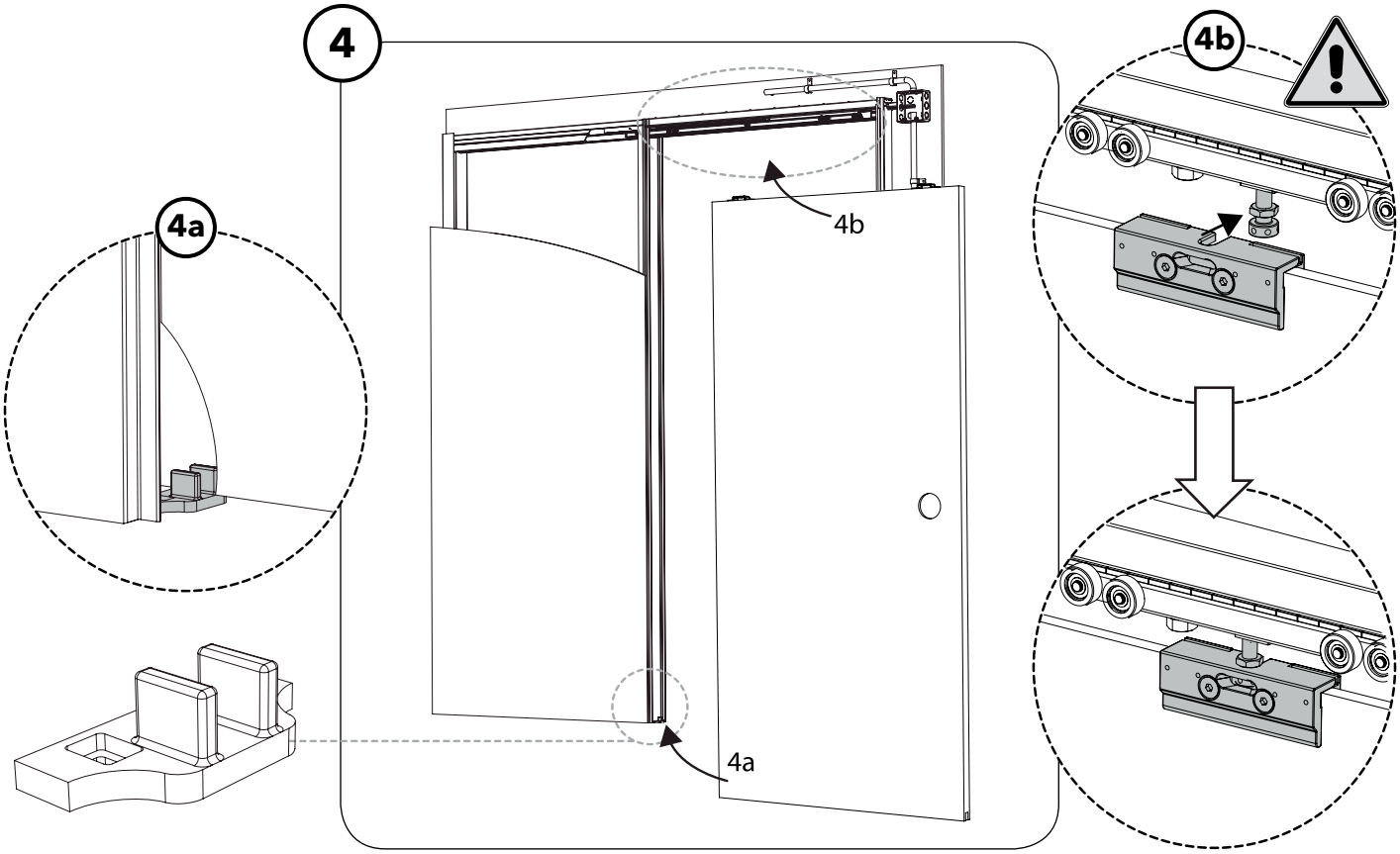
LP Door panel width = **A** - 15 mm

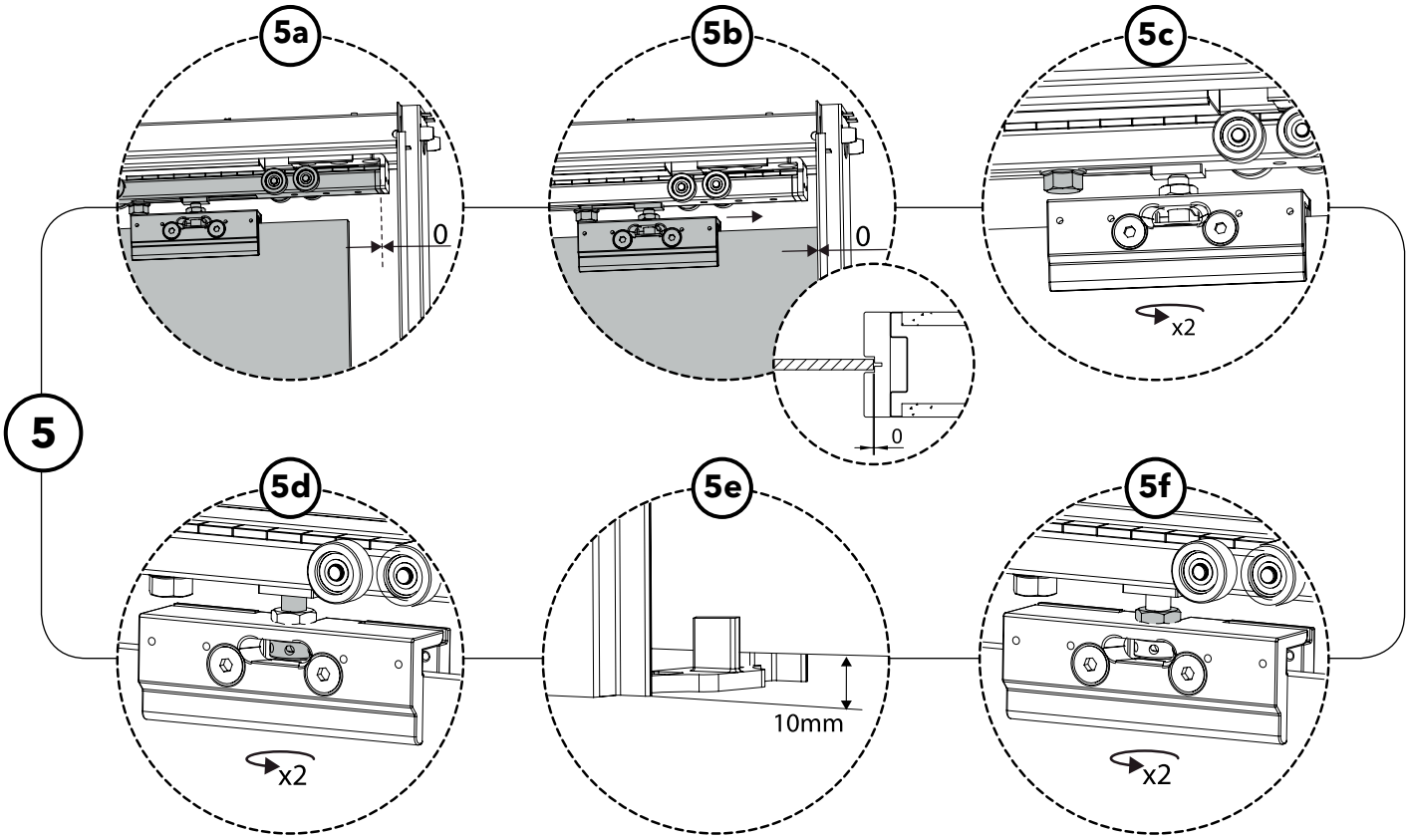
8b. GLASS DOOR INSTALLATION





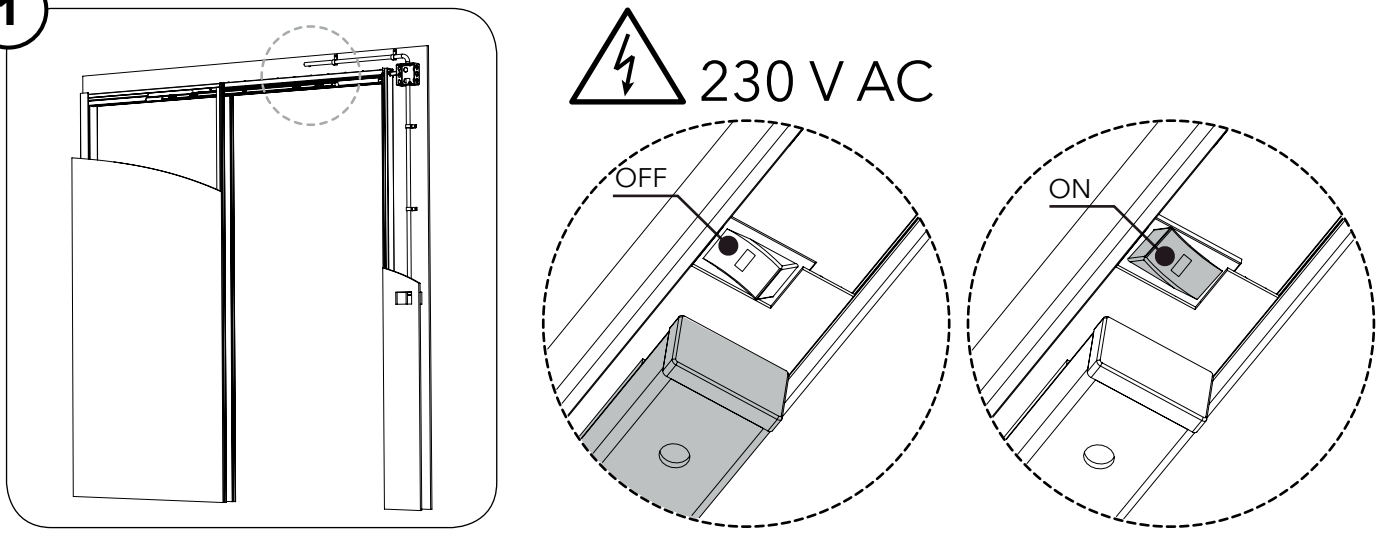
8b. GLASS DOOR INSTALLATION



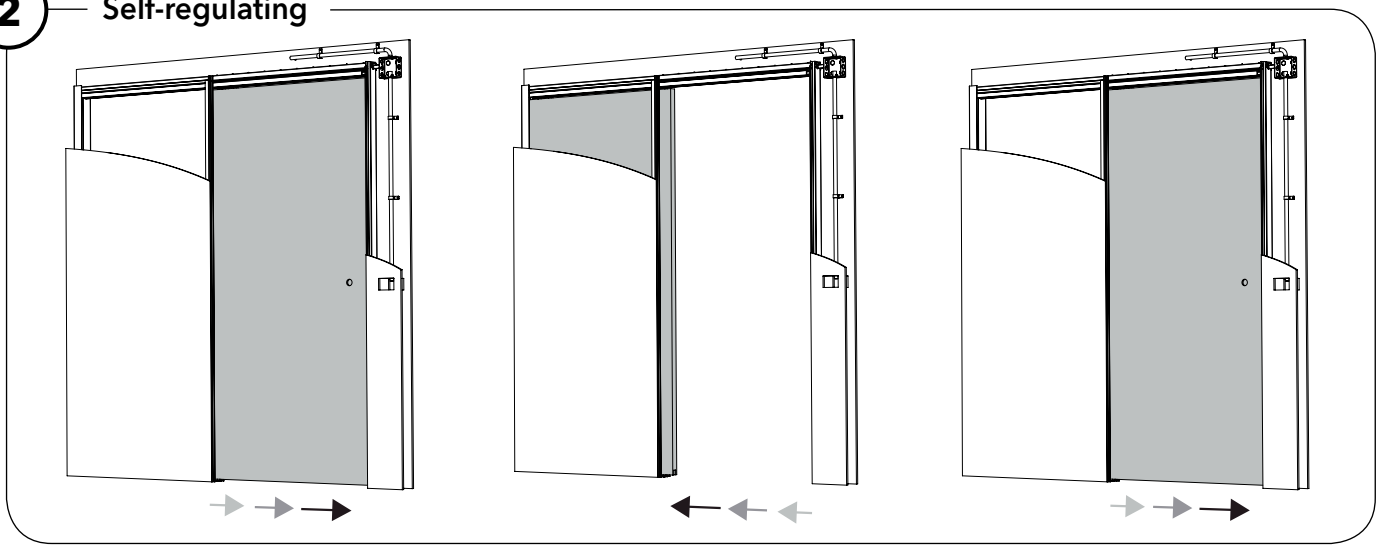


9. COMMISSIONING ON

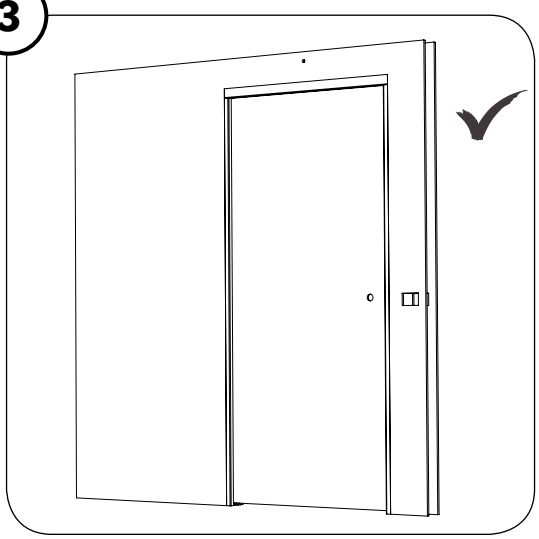
1



2 Self-regulating



3



5. PARTE II. USE AND MAINTENANCE MANUAL

5. 1 DETAILS

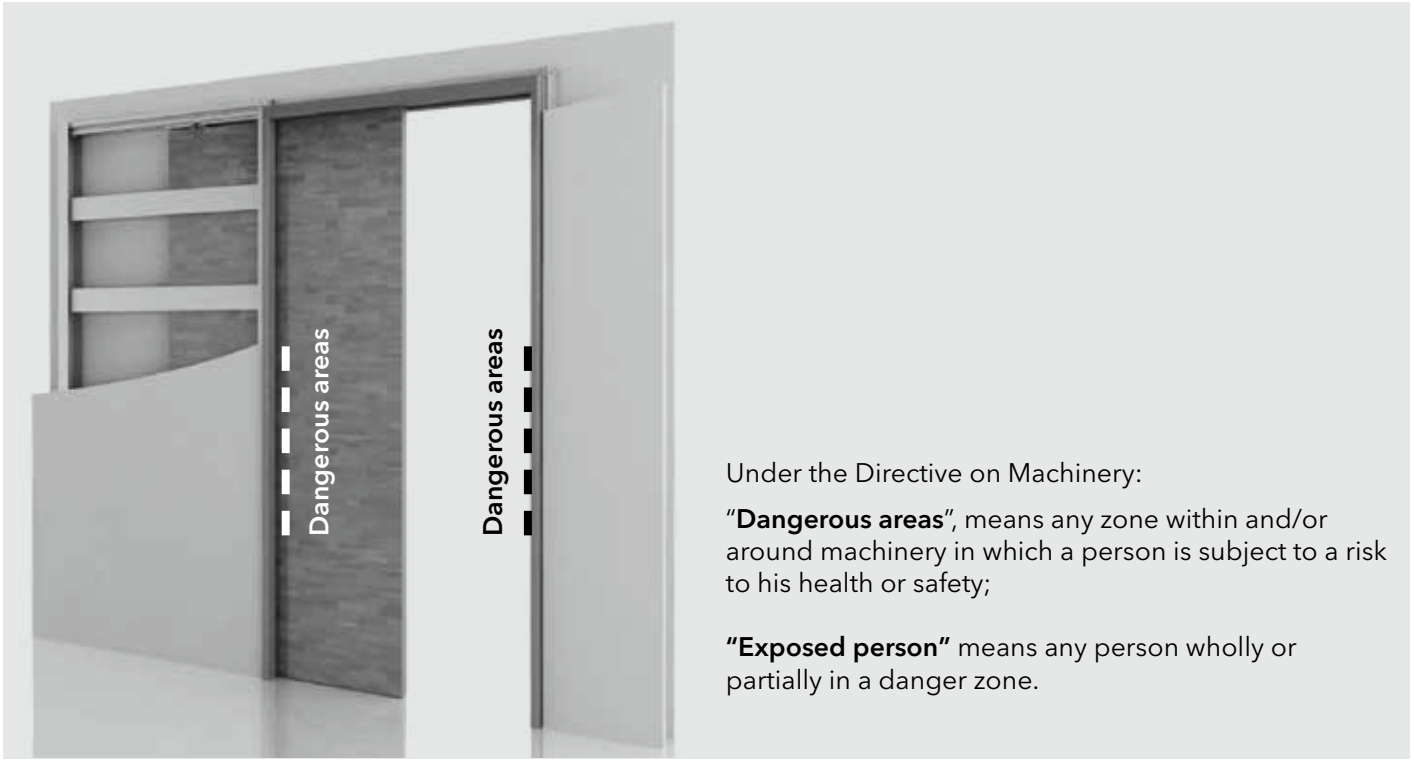
This part of the manual is dedicated ONLY to the final user.

Maintenance operations that are not described in this part of the manual must be executed ONLY by qualified and competent technical staff with technical instruments provided of by the law in force in the installation country.

5. 2 RISK ANALISYS

5. 2. 1 DETAILS

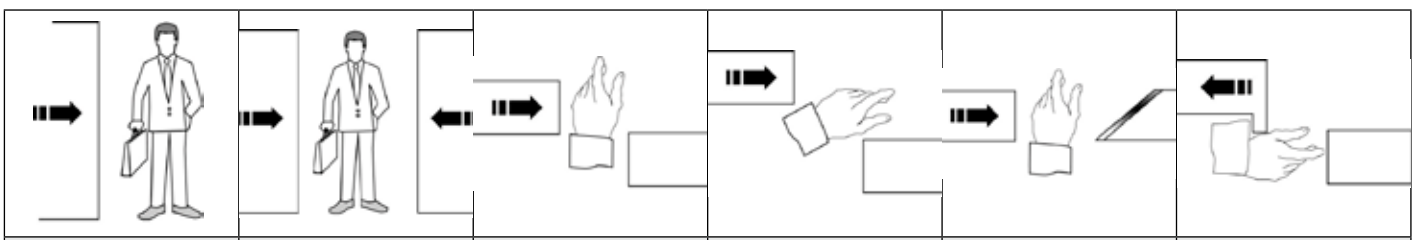
Sliding door risk zones (see photo)



Under the Directive on Machinery:

"**Dangerous areas**", means any zone within and/or around machinery in which a person is subject to a risk to his health or safety;

"Exposed person" means any person wholly or partially in a danger zone.



Impact	Crushing	Shearing	Conveying	Cutting	Hooking

5. 2. 2 RESIDUAL RISKS

Even if the E-MOTION automatic control has been designed and developed in order to have a safe functioning and even if all the necessary protection measures have been taken, some residual risks may persist.

Automatic doors include crushing, cut and bruise risks. Depending on structural conditions, door version and safety measures, these risks may not be completely eliminated.

According to law EN 16005 the area where an automatic sliding door moves, must always be protected in order to avoid, when possible, an impact with people. In order to eliminate these risks the E-MOTION automatic guide takes these measures:

- Possible use of safety sensors, which detect the movement and presence of people and objects in the main closing edge.

- Mode "Low Energy". Depending on the door weight, the guide's speed while closing is reduced to a prearranged value. In this way the door's dynamic energy and the impact force are inferior to the values established by the Directive.

- In order to ensure a high level of security, especially in installations where the presence of groups of people at risk justified it, the E-MOTION automatic control allows the simultaneous use of both previous solutions.

The qualified technical staff must verify the correct installation, connection, regulation and functioning of security sensors and/or Low Energy system, as required by the norm.

5. 3 INSTRUCTIONS FOR USE

5. 3. 1 CORRECT FUNCTIONING METHODS (basic models)

E-MOTION automatic control comes complete with all electronic driving and control elements of the motor, such as the cable/radio signal receiver and controller.

It includes the following characteristics:

- **Plug & Play**
  The E-MOTION is supplied pre-assembled and ready to be installed. You just need to connect the guide to the AC 230V power supply and push the "ON" button to set it going.

- **Self Setting**
  The E-MOTION is equipped with an electronic device that begins, at the first start, a self-regulating process composed of a complete cycle at reduced speed.
  This process detects automatically the total passage size and the door weight parameters.
  The values memorized by the electronic device automatically set the open-close cycle of the door (speed and acceleration).

- **Adjustable**
  Once the self-regulating process is over, the qualified installer can make the following regulations:
  - Opening speed
  - Obstacle detection sensitivity
  - How much time you want the door to remain opened (min. 0 sec / max. 20 sec)

5. 3. 2 FUNCTIONING TERMS

The E-MOTION automatic control has been designed to function as follows:

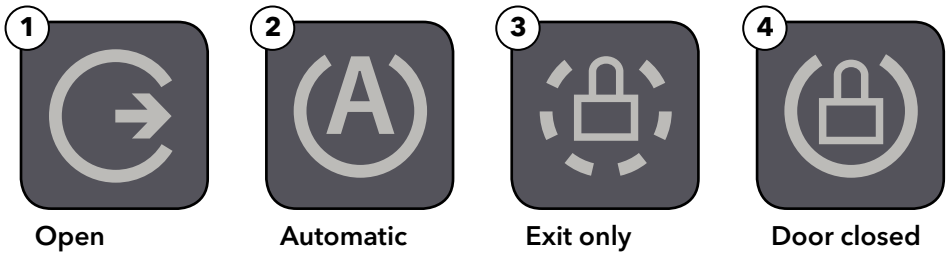
5. 3. 2. 1 BASIC FUNCTIONING

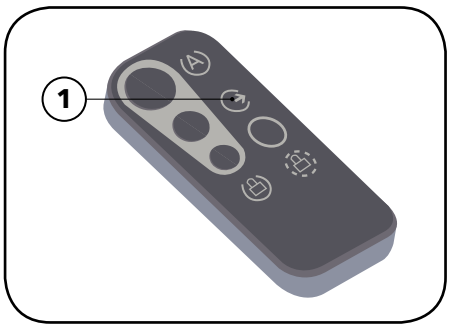
1. Automatic:
With an impulse generated by one of the possible activation elements (button-radio control-radar etc.), the door makes a complete opening, remains opened for an adjustable time and starts the closing cycle.

2. Push&Go:
An open-close cycle starts automatically with a gentle push on the door (in the opening side).

3. Open:
If the button is held down until the door is fully open, the door remains open.
Pressing the button again, the automatic cycle mode is restored.
This mode allows you to open and close the door manually.

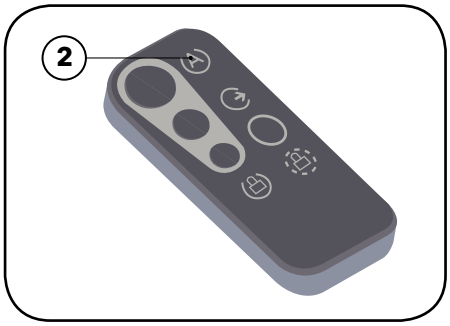
5. 3. 2. 2 COMPLETE FUNCTIONING (with Remote Control and Electromechanical Block Optional)





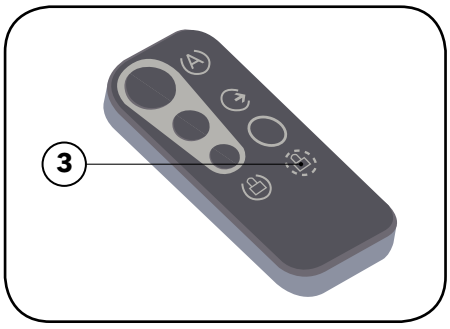
1. Open:
By pushing the button 1 on the remote control, the door remains open. This mode allows the door to be opened and closed manually.

"Open" mode unlocks or cancels mode 3 "Exit only".



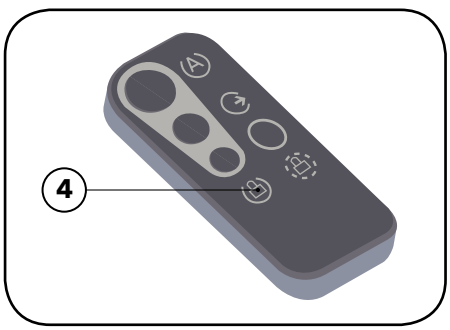
2. Automatic:
By pushing the button 2, the guide is in "Automatic" mode. With an impulse generated by one of the possible activation elements (button-radio control-radar etc.), the door makes a complete opening, remains opened for the adjustable time and starts the closing cycle. The "Automatic" mode unlocks or cancels mode 1 "Open",
3 "Exit only" and 4 "Door closed".
If you press the button "Open" during the closing process, the door will not open until the first round of opening / closing is ended.

2. 1. **Push&Go:** An open-close cycle starts automatically with a gentle push on the door (in the opening side).



3. Exit only, with Electromechanical Block (Optional)
An electromechanical device automatically blocks the door. The door opens only with activation elements from the inside. Eventual external controls are inhibited.

To unlock push button 2 "Automatic".
In case of power failure, for your safety, the device stops automatically and the door can be opened manually.



4. Closed door, with Electromechanical block (Optional)
By pushing button 4 "Door closed", an electromechanical device automatically blocks the door. It inhibits activation elements installed on the door (it blocks all the elements).

To unlock push button 2 "Automatic".
In case of power failure, for your safety, the device stops automatically and the door can be opened manually.

5. 3. 2. 3 FUNCTIONING IN CASE OF POWER FAILURE

1. Manual open:

In case of power failure the E-MOTION automatic control allows the door to be opened manually.
The absence of mechanical elements guarantees a smooth and silent movement.

5. 3. 3 USE RESTRICTION

It's useful to show, assist and advise the client on the correct use of internal sliding doors with E-MOTION automatic control, especially if they are installed where there are people with physical, sensorial and mental reduced capacities, children and old people.

Do not allow children to play in the door passage, and keep the remote control out of their reach.

5. 4 MAINTENANCE

The product does not need particular periodic maintenance operations.
Instead, pursuant to clause 4.2 of EN 16005 norm, it is necessary to verify the correct functioning of the security devices at least once a year.

5. 5 PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
"On / off" button light does not switch on.	The automatic control is not connected to the power grid (connector, direct terminal box, thermic connection / differential, etc.)	Control the connection and verify the correct voltage, 230V - 50Hz.
	Defective internal connection.	Control the internal connection. IMPORTANT! Carry out these operations with the guide disconnected!
	The fuse is burned.	Verify the fuse with a tester.
	The switch is not on ON position.	Move the switch on ON position.
The door does not move and no light switches on.	The system is not powered (internal failure).	Contact the technical staff.
The door does not move and the lights switch on in start-up sequence.	Defective motor connection.	Contact the technical staff, control internal connections between motor and control card.

5. 5 PROBLEMS AND SOLUTIONS

PROBLEM	POSSIBLE CAUSE	SOLUTION
The door does not move correctly (self-regulation).	The door is too heavy.	Change that door with a lighter one.
	The door installation is not correct (it is not perpendicular to the floor, the guide produces friction on the floor, the floor is irregular...)	Verify that the door installation is correct.
	Defective motor connection.	Contact the technical staff, control internal connections between motor and control card.
	Control card malfunction (internal error)	Contact the technical staff.
	Irregular sliding functioning (wheel, track, dirt...)	Control the correct sliding by moving the door manually.
The door does not move correctly (DOOR MODE)	Self-regulation has not been executed correctly.	Repeat self-regulation.
	There is an obstacle.	Remove the obstacle.
	There is no obstacle.	Regulate sensitivity.
The door does not open when it receives signals from an external device (accessories) and in the controller card the green light does not switch on.	The internal signal is defective.	Verify the connection card and the control card connection. Verify the connection with the accessories.
The automatic control does not respond to remote control's signals.	Receiver module RF is not correctly connected.	Control the RF module connection.
	RF module is not inserted.	Insert RF module.
	Defective receiver.	Replace the RF receiver module
	RF module did not register the remote control.	Register remote control on RF module.
	Remote control does not send signal.	Replace the remote control batteries.

5. 6 FINAL CHECK AND TUNING OF E-MOTION CONTROL

To be completed by the installer

- ☐ **Self-regulating**
- ☐ **Basic functioning**
  - ☐ Automatic
  - ☐ Push & Go
  - ☐ Button
  - ☐ Button + 5 sec - Opened
- ☐ **Complete functioning**
  - ☐ Automatic
  - ☐ Open
  - ☐ Exit only
  - ☐ Door closed
- ☐ **Regulations**
  - ☐ Force sensitivity while closing
  - ☐ Opening speed
  - ☐ Door opened time
- ☐ **Sensors / Internal Radar**
  - ☐ Regular movement in control area
  - ☐ Regular presence in research area
  - ☐ Regulation time presence
- ☐ **Proximity detector**
- ☐ **Power failure**
  - ☐ The lock opens
  - ☐ It works manually
- ☐ **Mechanic**
  - ☐ Interference with walls and/or fix verticals
  - ☐ Doors levelled and plumbed
  - ☐ Height between door and floor: 6 - 10 mm
  - ☐ Friction
- ☐ **Cleaning:**
- ☐ **Note:**

5. 7 DECLARATION OF CONFORMITY OF INSTALLATION

To be completed by the installer

INSTALLATION DECLARATION OF CONFORMITY CE
(Directive 2006/42/CE - Directive on Machinery)

Installer:

Address:

I declare:

Door description:
(Model, type)

Serial number: Localization:
(Client, address)

☑ The product complies with the requirements of Directive on Machinery **2006/42/CE**
☑ It complies with the provisions of the following other EEC directives:
Electromagnetic Compatibility Legislation 2004/108/CE, as amended;
Low Voltage Directive 2006/95/CE, as amended.

☑ I declare that the installation complies with all the specifications in this manual.
☑ I declare that the product passed the final functioning and safety check and that I informed the user about the product safe use instructions.

The following standard and national technical specifications and laws were applied:

☑ CEI 64-8 – Electrical installations with rated voltage not exceeding 1000 V~ and 1500 V~

Date:

Installer signature, written legibly

STAMP AND SIGNATURE OF THE INSTALLER	LABEL - MARK CE

5. 8 DECLARATION OF CONFORMITY

CE

DECLARATION OF CONFORMITY
(Directive 2006/42/CE - Directive on Machinery)

I declare, under my own supervision, that the described model and product possess the essential health and safety requirements as expected in the following directives for the law harmonisation at European Union level:

Product: Automatic control for internal sliding door

Model: E-MOTION

Serial Number: Starts with 00

Producer: Eclisse S. r. l.
Via Giovanni Pascoli, 7
31053 Pieve di Soligo
Treviso – Italia

Laws: Directive 2006/42/CE – "Directive on Machinery"
- EN ISO 12100-1
- EN ISO 12100-2
- EN ISO 13857
- EN ISO 14121-1

Directive 2004/108/CE – "Electromagnetic Compatibility (EMC) Directive"*
- EN 61000: 3-2
- EN 61000: 3-3
- EN 61000: 6-1 2002
- EN 61000: 6-3 2002

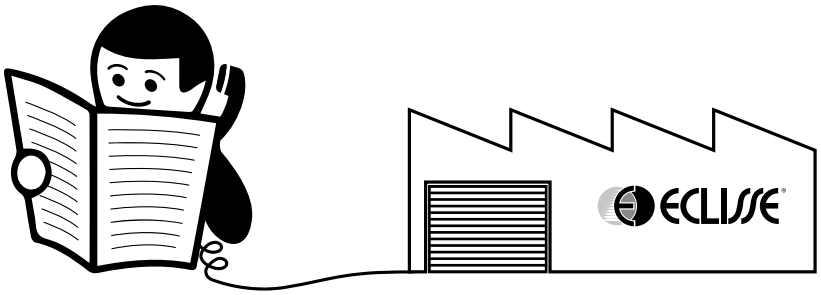
Directive 2006/95/CE – "Low Voltage Directive (LVD)"*
- EN 60335-1
- EN 60335-2/103

Designer
Eng. Oriol Guilera

Legal Representative:
Sig. Luigi De Faveri

***** Laboratorio Ensayos: IDNEO
Polígono Industrial Can Mitjans s/n
08232 Viladecavalls - Barcelona – España

02/2021- 603043201



ECLISSE®

www.eclisseworld.com/en/dealer-locator