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D102C3/D103C3
L8543333
02/2021 rev 2

LUCE R

Installation and maintenance manual for sliding doors

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Dear Client, thank you for choosing us. You are reminded to read the following installation and use instructions of the automation carefully, to obtain the best performance. We also remind you that assembly of this product must only be carried out by professionals.
Before starting installation or activating an automatic wicket, an inspection must be carried out on site by professionally competent staff, to takes the measures of the wall compartment, the fixture and the automation.
This inspection is necessary to assess the risks and to choose and apply the most appropriate solutions based on the type of pedestrian traffic (heavy, limited, one-directional, two-directional, etc.), the type of users (elderly, disabled, children, etc.) and the presence of potential hazards or particular local situations.
To facilitate the installation technician in applying the European Standard EN 16005 on safe use of automatic wickets, you are advised to consult the UNAC (Association of manufacturers of motorised fixtures and controls for doors and windows in general) guides available on the website: /ass/unac.

1.1 CORRECT USE OF THE AUTOMATIC SLIDING DOOR

The LUCE R automations for automatic sliding doors were designed and manufactured in compliance with European Standard EN 16005. Furthermore, the innovative and evolutionary electronic control system makes use of the door intrinsically safe, since the maximum forces developed are limited to non-hazardous values. It his however necessary to comply with the following warnings to guarantee safety in relation to its intended use, i.e. pedestrian transit of people.

1.2 GENERAL SAFETY WARNINGS

This assembly, installation and maintenance manual is exclusively for professionally competent staff. Read the instructions carefully before starting to install the product.
Wrong installation can be a source of danger. The packaging materials (plastic, polystyrene, etc.) should not be disposed of in the environment and must not be left within children's reach since they are potential sources of danger.
Before starting installation, check the product is intact. Do not install the product in an explosive environment and atmosphere: the presence of flammable gas or fumes poses a serious danger for health.
Before installing the automation, make all the structural changes relating to implementation of precautions for safety and protection or segregation of all the crushing, shearing, transfer and danger zones in general.
Check the existing structure has the necessary robustness and stability requirements. MYONE S.r.l. cannot be held responsible for any non-compliance with good practice in the construction of fixtures to automate, as well as deformations which occur during use. The safety devices (presence sensors, photocells, etc.) must be installed while taking into consideration: the standards and directives in force, good practice techniques, the installation environment, the operating logic of the system and the forces developed by the automatic wicket.
Apply the signs planned by the standards in force to identify the danger zones.
Each installation must have visible indication of the identification data of the automatic wicket gate.

1.3 CE MARKING AND EUROPEAN DIRECTIVES

CE MYONE automations for wicket sliding doors are designed and built in compliance with the safety requirements of the European standard EN 16005 and are equipped with CE marking in compliance with the Electromagnetic Compatibility Directive (2014/30/EU).
MYONE automations are equipped with a Declaration of Incorporation for the Machinery Directive (2006/42/EC).

Pursuant to the Machinery Directive (2006/42/EC) the installation technician implementing the automatic wicket has the same obligations as the manufacturer of the machine and, as such, must:
- prepare the technical file which must contain the documents indicated in Annex V of the Machinery Directive;
  (The technical file must be kept and maintained available to the competent national authorities for at least ten years starting from the date of automatic wicket manufacture);
- draft the CE Declaration of Conformity according to Annex II-A of the Machinery Directive and deliver it to the client;
- affix the CE marking on the automatic wicket pursuant to point 1.7.3 of Annex I of the Machinery Directive.

1.4 USE RESTRICTIONS AND RESIDUAL RISKS

The European standard EN 16005 clearly defines which are the main hazards and the necessary protection to make use of the automatic sliding door safe in standard conditions. Despite this, particular situations may arise where you must assess the possible risks and implement the relevant solutions for protection to reduce the risk.
For example, the particular installations can be generated by: architectural requirements, the type of use, the use environment, the spaces in the building, the type of users, etc.
The installation technician is responsible for identifying and assessing these risks and communicating to the owner the solutions implemented, including the existence of residual risks or the need to restrict use, compiling the following table.

Ref.	Residual risk	Solution implemented

The data outlined in this manual were drafted and checked with utmost attention.

However, MYONE S.r.l. cannot be held in any way liable for possible errors, omissions or approximations due to technical or graphical requirements.
MYONE S.r.l. reserves the right to make changes to improve products. For this reason, the illustrations and information that appear in this document should be considered non-binding.

This edition of the manual deletes and replaces previous ones. If changes are made, a new edition will be issued.

Using LUCE to move a very heavy door could reduce the performance indicated.

Frequency of use, they have an approximate value. Check the temperature range declared in the technical data is compatible with the use environment.

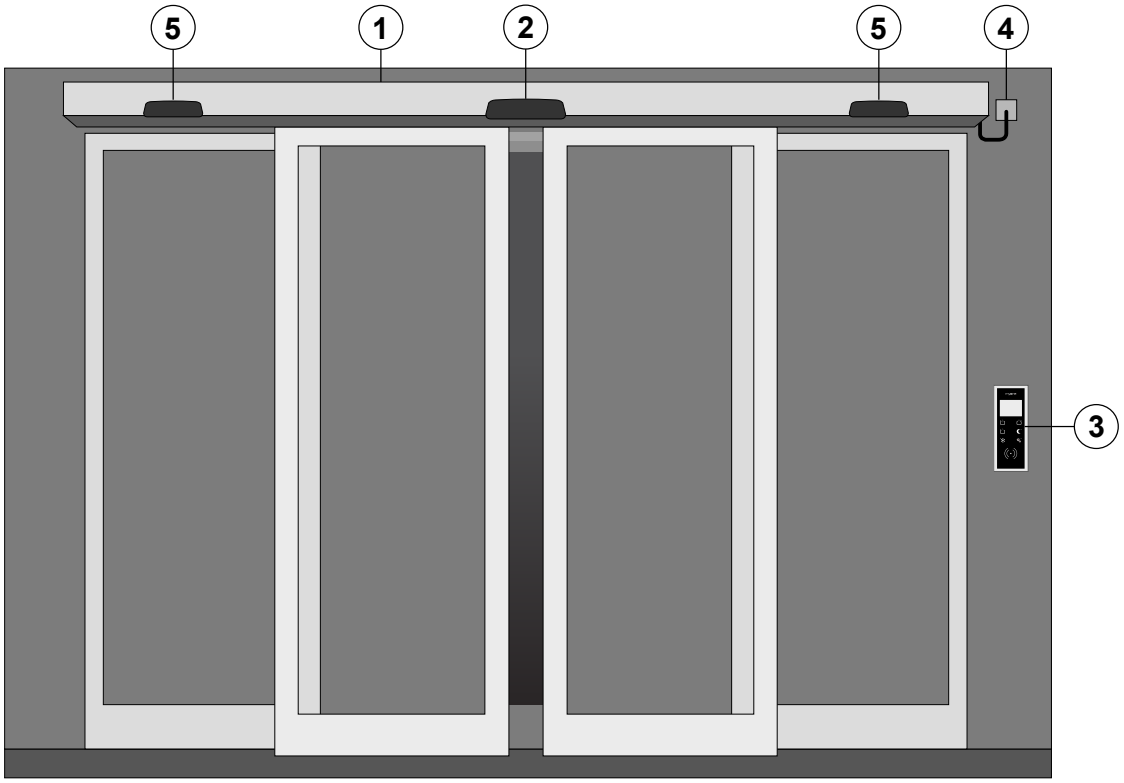
The data are detected in standard use conditions and cannot be ensured for every single case.

Each automatic input presents various elements such as: friction, balancing and environmental conditions which can considerably modify both the duration and the operating quality of the automatic input or its components.

The installation technician is responsible for implementing the adequate safety coefficients for each particular situation.

Technical data	LUCE R
Model	Emergency
TÜV Thüringen certification	
Maximum dimensions of the automation: Height x Depth x Length	130 x 150 x 6500 mm
Maximum weight of 1 leafed door: Maximum weight of 2 leafed door:	140 kg 2 x 120 kg
Maximum opening and closure speed: 1 leaf sliding door 2 leaf sliding door	 0,8 m/s 1,6 m/s
Use frequency	Continuous operation S3 = 100%
Extended range power supply Nominal power Stand-by	100–240 Vca 50/60 Hz 70 W 3 W
Nominal load	150 N
Level of protection	IP 20
Operating temperature	
Parameters adjustment: basic adjustments and advanced adjustments	Buttons and Display
Connection to command and safety devices	Specific connection terminal boards
Output for external accessories supply	12 Vdc (1 A max)
Memory to save data and adjustments of the door	Micro SD Standard
Electronic functions selector with transponder key	AQA R (necessary)
Leaf locking device, with bistable operation, with unlocking cord and lock position signalling device	99EB0004
Battery powered device for emergency operation	99BA0002 (necessary)

N.B. The aforementioned technical data refer to medium use conditions and cannot be ensured for every single case. Each automatic input presents various elements such as: friction, balancing and environmental conditions which can considerably modify both the duration and the operating quality of the automatic input or its components, including the automation. The installation technician is responsible for implementing the adequate safety coefficients for each particular situation.



Rif.	Codice	Descrizione
1	10SR1901 – 10SR6501 10SR1902 – 10SR6502	Automation for emergency exits for sliding doors with 1 leaf Automation for emergency exits for sliding doors with 2 leaves
2	31RD0001 31RD0002	Mono two-directional opening and safety sensor Mono two-directional opening and safety sensor for emergency exits (N.B. To guarantee protection of the passage compartment, 2 sensors are necessary, one per side)
3	AQA R	Electronic functions selector with transponder key
-	99BA0002	Battery powered device for emergency operation
-	99EB0004	Bistable operating leaf locking device, with unlocking cord and lock position signalling device (optional device, inside automation)
4	-	Power cable for automation connection to the electricity mains

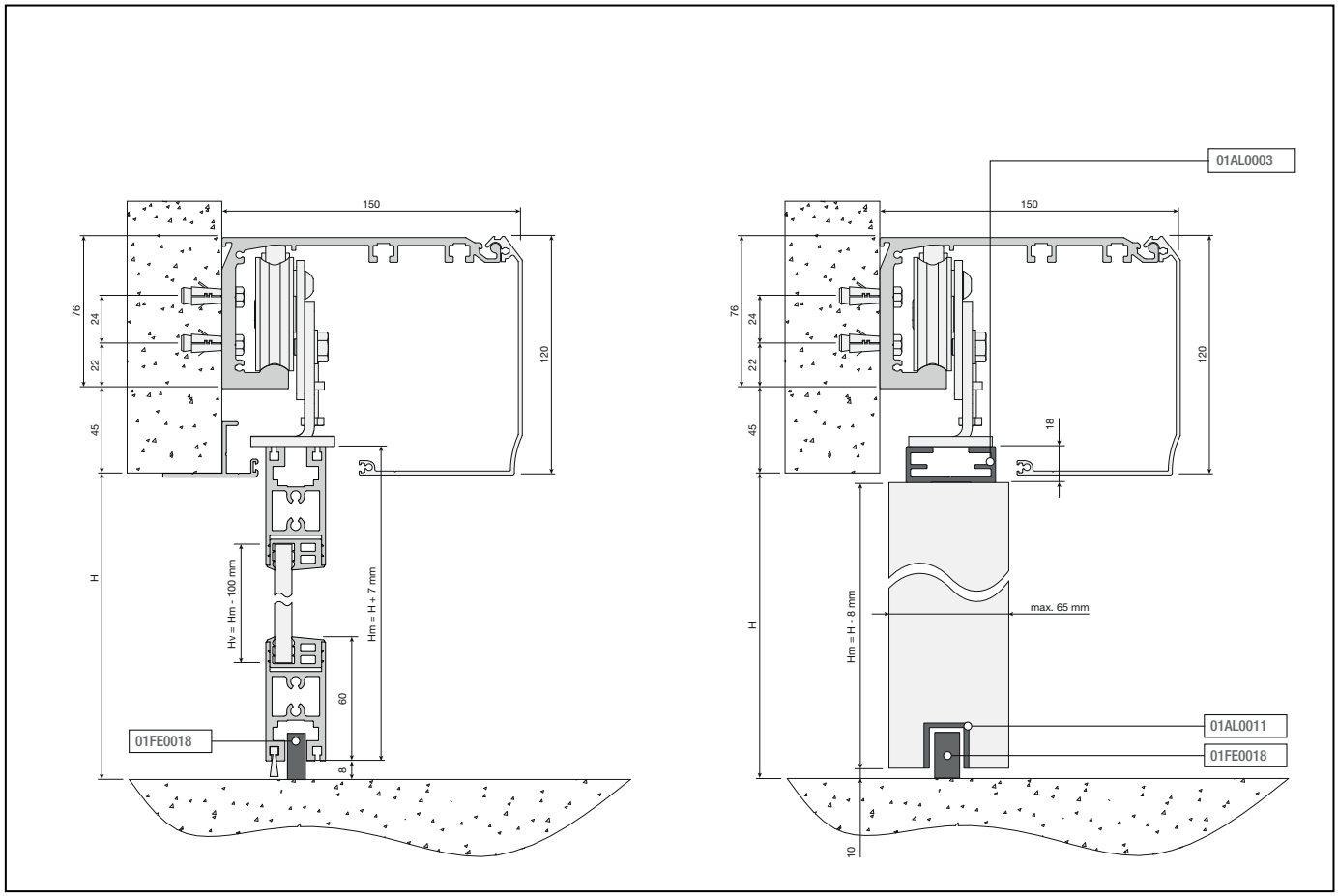
N.B. The components and codes installed are those most used on automatic sliding door systems. However, the complete range of devices and accessories is available on the sales pricelist.
For system installation, use accessories and safety devices approved by MYONE S.r.l.

Installation of an automatic sliding door, carried out by professionally competent staff, can only take place following inspection on site (as indicated in chapter 1) and having sized and created the fixture and the automation.

Fastening to the wall of the box profile must be safe and adequate for the weight of the doors. Distribute the fastening points every 500÷800 mm, using adequate plugs and screws, not supplied by us, based on the wall used for fastening. Perforate corresponding to the furrow prepared inside the box profile

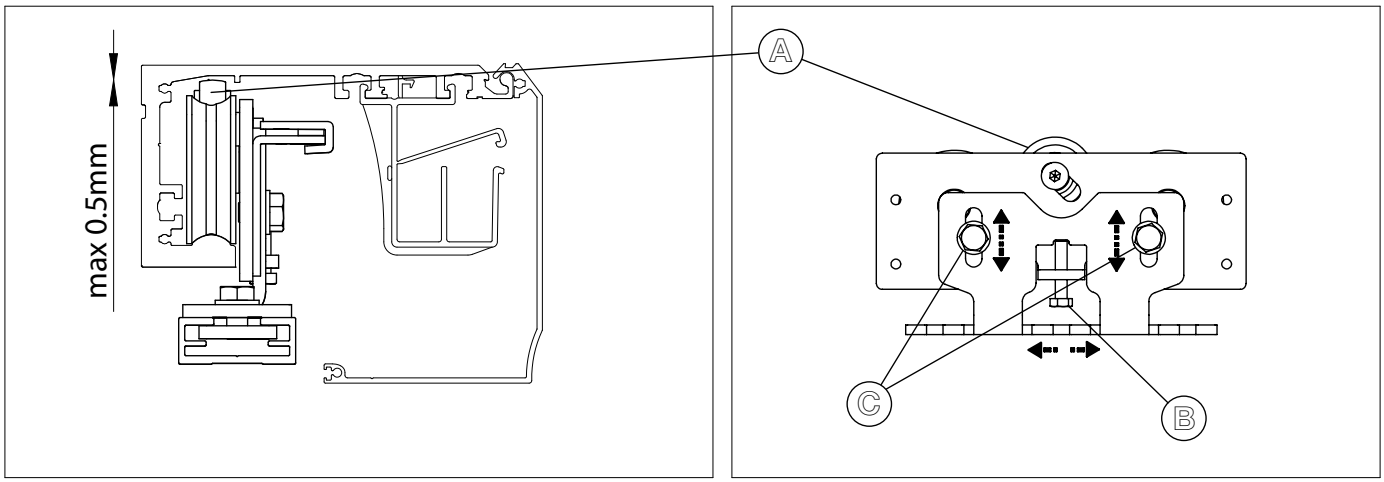
N.B. The wall must be straight and smooth, otherwise you have to prepare adequate shims or plates in iron to fasten the box to, for correct levelling.

4.1 BOX ASSEMBLY



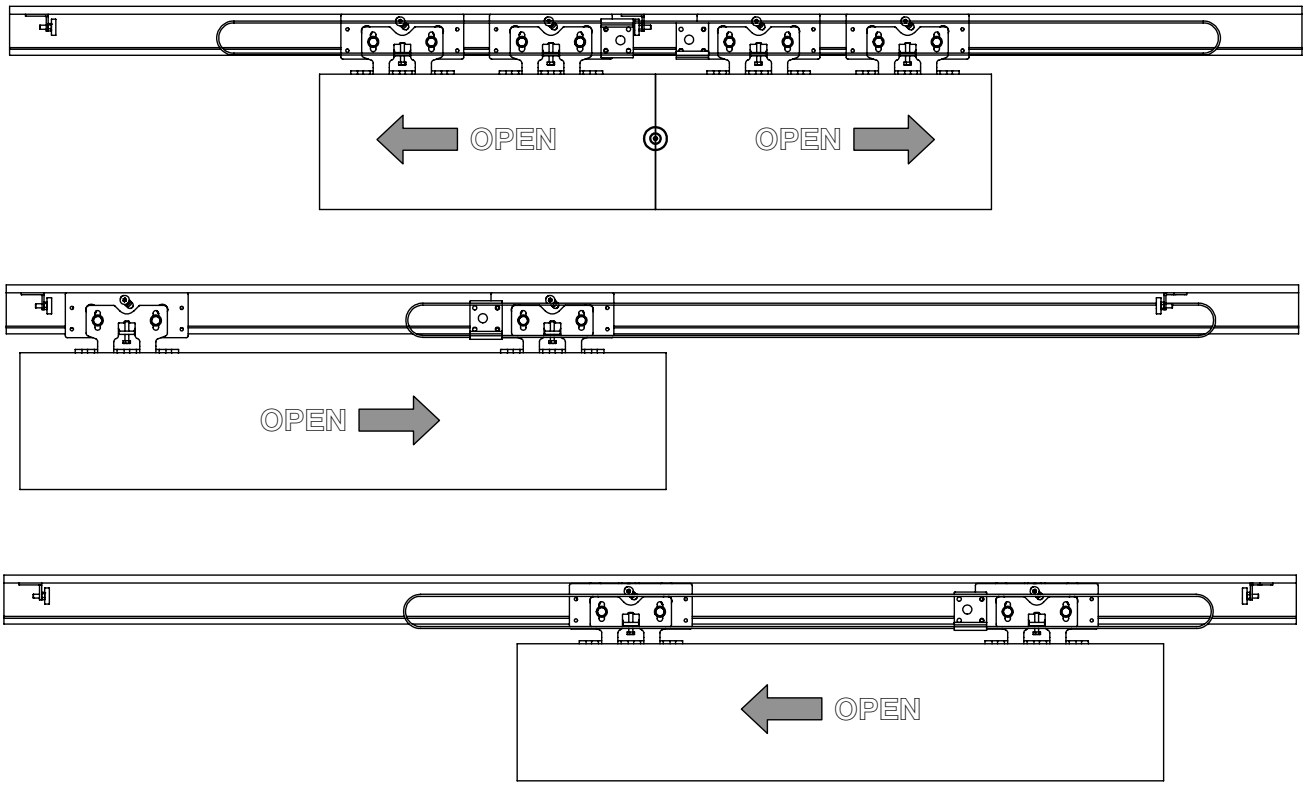
4.2 DOORS ADJUSTMENT AND ASSEMBLY

Fasten the sliding door to the carriages using the 8MA screws.
Close the doors and adjust the height and depth, as indicated in the figure.
Adjust the position of the upper stop castors to avoid the carriage exiting the sliding profile.



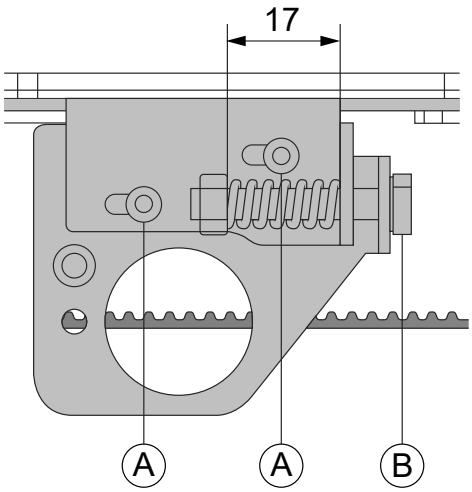
Move the doors by hand for the entire stroke and check movement is free and without friction and that all the castors rest on the sliding profile.

Check the lower part of the door is correctly guided on the floor slide. Adjust the position of the mechanical stop brackets to limit the stroke of the doors in the desired position.

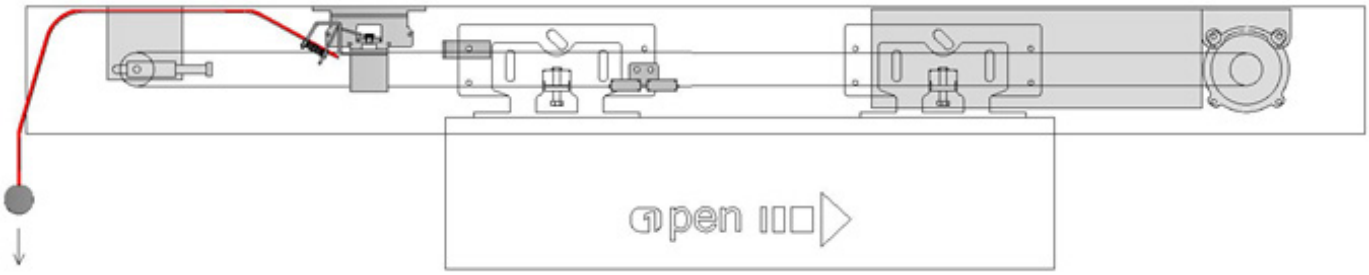


4.3 BELT ADJUSTMENT

Adjust tightening of the serrated belt using the return unit, as indicated in the figure:
- Manually push the return unit to the left, to tighten the serrated belt and fasten it to the box profile using the specific screws.
- loosen the screw [A]
- screw in the screw [B] and compress the spring up to the measurement of approx. 2mm (however manually check tightening of the belt is not too tight or too loose)
- block adjustment of belt tightening by tightening the screw [A]



5 Installation of the locking device



Fasten the locking device to the box profile, using the specific screws.

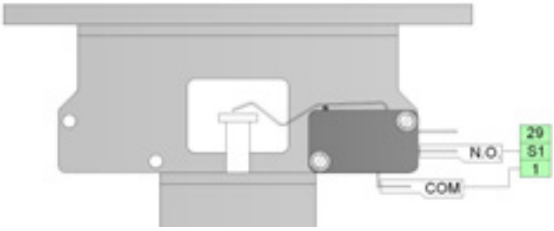
Fasten the lock coupling bracket on the carriage.

Manually bring the leaf to the closure position and adjust the position of the bracket and/or lock to obtain correct coupling of the locking device.

Connect the locking device to the LK connector of the electronic control, using the cable supplied (the excess part should be shortened). Respect the colours of the wires (red with red and black with black).

Pass the unlocking cord on the lower part of the left head, until the locking device is reached. Pass the cord through the spring and lock it, rotating it once around the bracket. With the leaf in the closure position and locked, check that by manually pulling the unlocking cord, the door can be manually opened.

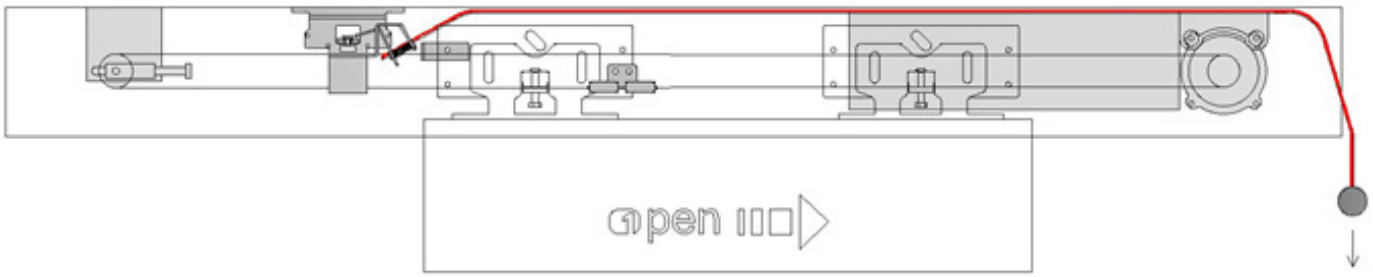
Connect the micro-switch to the electronic control terminals, using cabling supplied (common =1; N.O.=S1).



If you need to pass the unlocking cord in the lower part of the right head, proceed as follows:

- unscrew the 4 lower locking screws,
- turn the lock, bringing the spring to the right,
- fasten the micro-switch on the left,
- screw in the 4 lower screws again.

N.B. Pulling the unlocking cord, the leaves are unlocked, also in the absence of the mains, and remain unlocked up to when electrical power is restored.



6 Installation of battery-powered device

Fasten the battery-powered device on the box profile

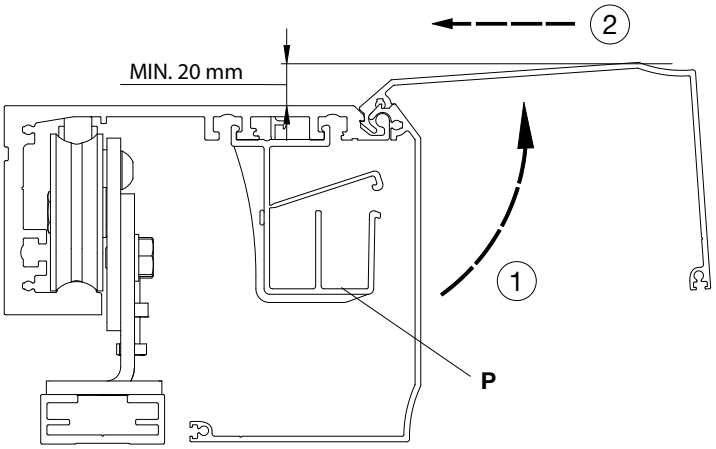
Connect the battery-powered device to the BAT connector of the electronic control, using the cable supplied.
Check the battery is connected to the electronic board.
Connect the mains supply automation and wait at least 30 minutes to allow the battery to recharge. Check that by removing mains power, the door opens automatically.

N.B. to allow recharge, the battery-powered device must always be connected to the electronic control. In the event of long periods of automatic door non-use, disconnect the battery from the electronic board.

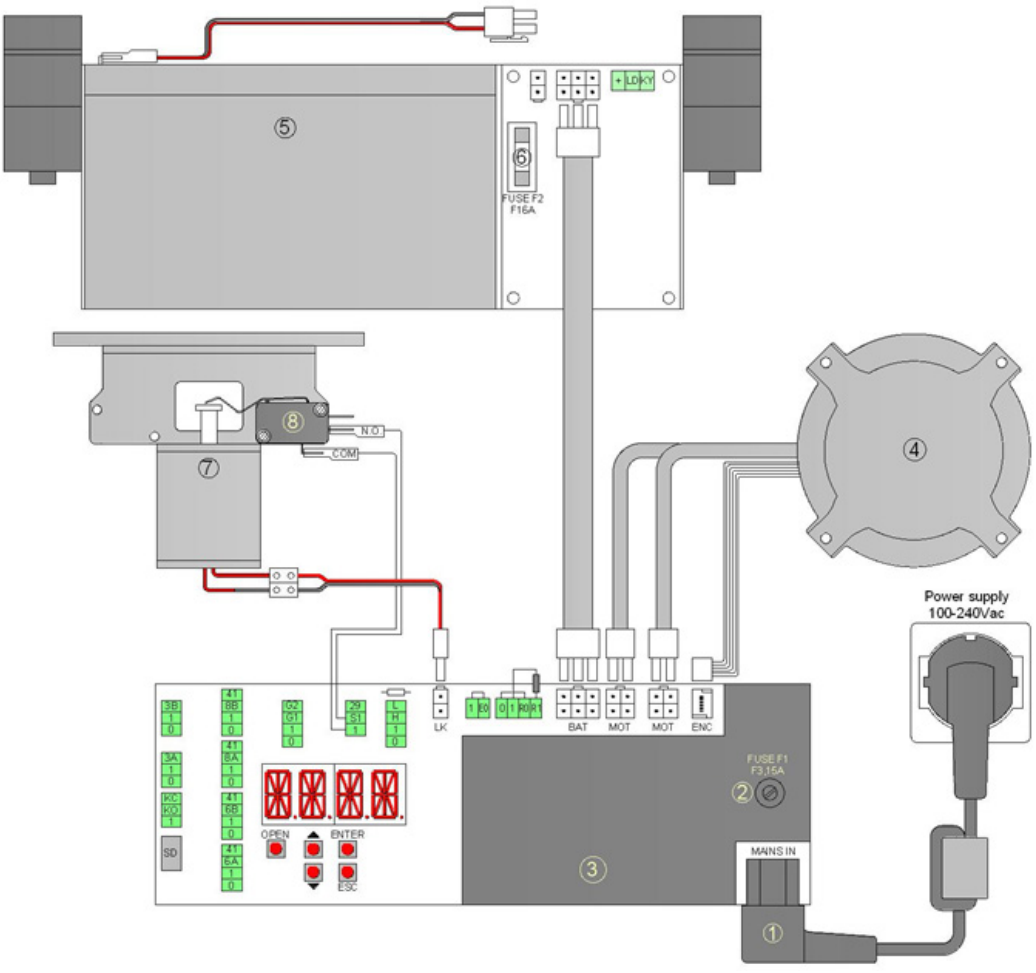
If you want, you can connect a signalling LED for battery presence (not supplied by us), between the terminals [+] and [LD] as indicated in the figure. In the presence of mains power, the LED flashes for 10 seconds, while in the absence of mains power, the LED stays on.
If you want, you can connect a signalling N.O. contact to re-enable battery operation (e.g. using a key selector, not supplied by us), between the terminals [+] and [KY] as indicated in the figure.

7 Classic LUCE cover opening and locking

(1) Opening the cover
(2) Locking of open cover
When the cover is closed, fasten it to the heads with the screws supplied.



8 Electrical connections



Ref.	Code	Terminals	Description
1		MAINS IN	Power cable for automation connection to the electricity mains.
2		FUSE F1	Mains fuse 5x20 type F3.15A
3			Electronic control:
4		MOT ENC	Brushless motor Angular sensor
5		BAT	Battery powered device
6		FUSE F2	Battery fuse 5x20 type F16A
7		LK	Locking device
8		1-S1	Locking signalling device

8.1 GENERAL ELECTRICAL SAFETY WARNINGS

The installation, electrical connections and adjustments must be carried out in compliance with good practice and in compliance with standards in force.

Before connecting the electrical power supply, ensure the plate data correspond to those of the electrical distribution mains. On the power supply mains, install an omnipolar switch/sectioning device with an opening distance of the contacts equal or over 3 mm. This switch must be protected from unauthorised activations.

Check upstream of the electrical system that there is an adequate differential switch and an overcurrent safety device. When required, connect the automation to an efficient earthing system installed as indicated by safety standards in force.

During installation, maintenance and repair operations, remove the power supply before opening the casing to switch on the electrical parts.

The electronic parts must be handled using anti-static, conductive wrist straps connected to the ground. MYONE S.r.l. cannot be held in any way liable if components are installed which are incompatible for safety purposes and for good operation.

For possible repair or replacement of products, only original spare parts must be used.

8.2 ELECTRICAL POWER SUPPLY CONNECTION

Use the power cable supplied for connection to the power supply mains.

The power supply cable can be connected to an electrical socket (not supplied by us), prepared near the automation head.

If an electrical socket is not present near the automation, connect to the electrical mains as follows: perforate the aluminium box at the top, protect passage of the power supply cable using cable glands (not supplied by us) to eliminate sharp edges which could damage the power cable, and connect the cable to the electricity supply.

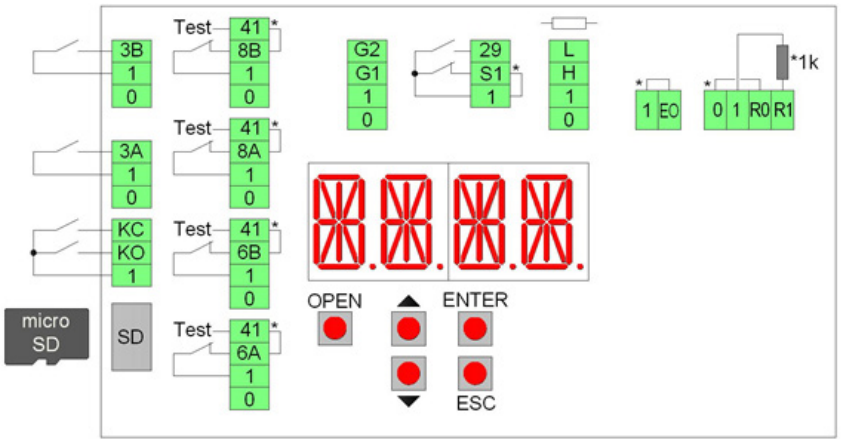
Connection to the electrical power supply, in the section outside automation, must takes place via an independent duct and separate from the connections to the command and safety devices.

8.3 ELECTRONIC CONTROL TERMINAL BOARDS

When you connect the safety devices, remove the jumpers of the corresponding terminals.
ATTENTION: The terminals with equal number are equivalent.
The electronic control is supplied with the jumpers in the terminals with an asterisk [*]. When you connect the safety devices, remove the jumpers of the corresponding terminals.

Terminals	Description
0 - 1	12 Vdc output for external accessories supply. Maximum absorption of 1 A corresponding to the sum of all the terminals 1 (+ 12V).
1 - 3A	N.O. opening contact side A (internal side of automation view)
1 - 3B	N.O. opening contact side B (external side of automation view)
1 - KO	N.O. contact of priority opening, to connect to the devices only accessible to authorised staff using keys or codes.
1 - KC	N.O. contact of priority closure, to connect to the devices only accessible to authorised staff using keys or codes.
1 - 8A	N.C. safety contact on passage compartment side A (internal side of automation view). When the door is closing, opening of the contact causes movement inversion. N.B. Connect the safety devices with testing (see 41 terminal) and remove the 41 – 8A jumper.
1 - 8B	N.C. safety contact on passage compartment side B (external side of automation view). When the door is closing, opening of the contact causes movement inversion. N.B. Connect the safety devices with testing (see 41 terminal) and remove the 41 – 8B jumper.
1 - 6A	N.C. safety contact in opening side A (left hand side of automation view). When the door is opening, opening the contact causes slowing of the door in the last 500 mm (the safety function of the 6 terminal can be modified using the advanced parameters menu). N.B. Connect the safety devices with testing (see 41 terminal) and remove the 41 – 6A jumper.
1 - 6B	N.C. safety contact in opening side B (right hand side of automation view). When the door is opening, opening the contact causes slowing of the door in the last 500 mm (the safety function of the 6 terminal can be modified using the advanced parameters menu). N.B. Connect the safety devices with testing (see 41 terminal) and remove the 41 – 6B jumper.
41	Test output (+12V). Connect the safety devices with testing (compliance with standard EN 16005), as indicated in the following chapters. N.B. For devices without testing, connect the N.C. contact to the terminals 41 – 8A, or 41 – 8B, or 41 – 6A, or 41 – 6B.

1 - G1	Input terminal for general use. Using the ADV menu > STG1, you can associate the G1 terminal with a specific function.
1 - G2 **0 - G2**	Input terminal for general use. Output terminal (12 Vdc, 20mA max) for general use. Using the ADV menu > STG2, you can associate the G2 terminal with a specific function.
1 - S1	N.C. contact of the limit switch of the locking device.
1 - 29	Reset N.O. contact. Closure and release of the contact starts the automatic detection manoeuvre of the stop measurements.
0 - 1 - H - L	Bus connection to functions selector
SD	Standard input for SD micro memory cards. Allows saving the settings of the door and loading the firmware upgrades.



Terminals	Description
R1 - R0	Current input for the opening sensor for emergency exits side A, internal side automation view (remove the jumper and resistance of the terminals).
1 - EO	N.C. contact of emergency opening. Opening of the contact causes the door to open (connect the emergency opening device and remove the jumper 1 - EO.

Buttons	Description
OPEN	Door opening button.
↑	Button for menu scrolling and increase values selected.
↓	Button for menu scrolling and reduce values selected.
ENTER	Button for menu scrolling and saving the data selected.
ESC	Menu exit button.

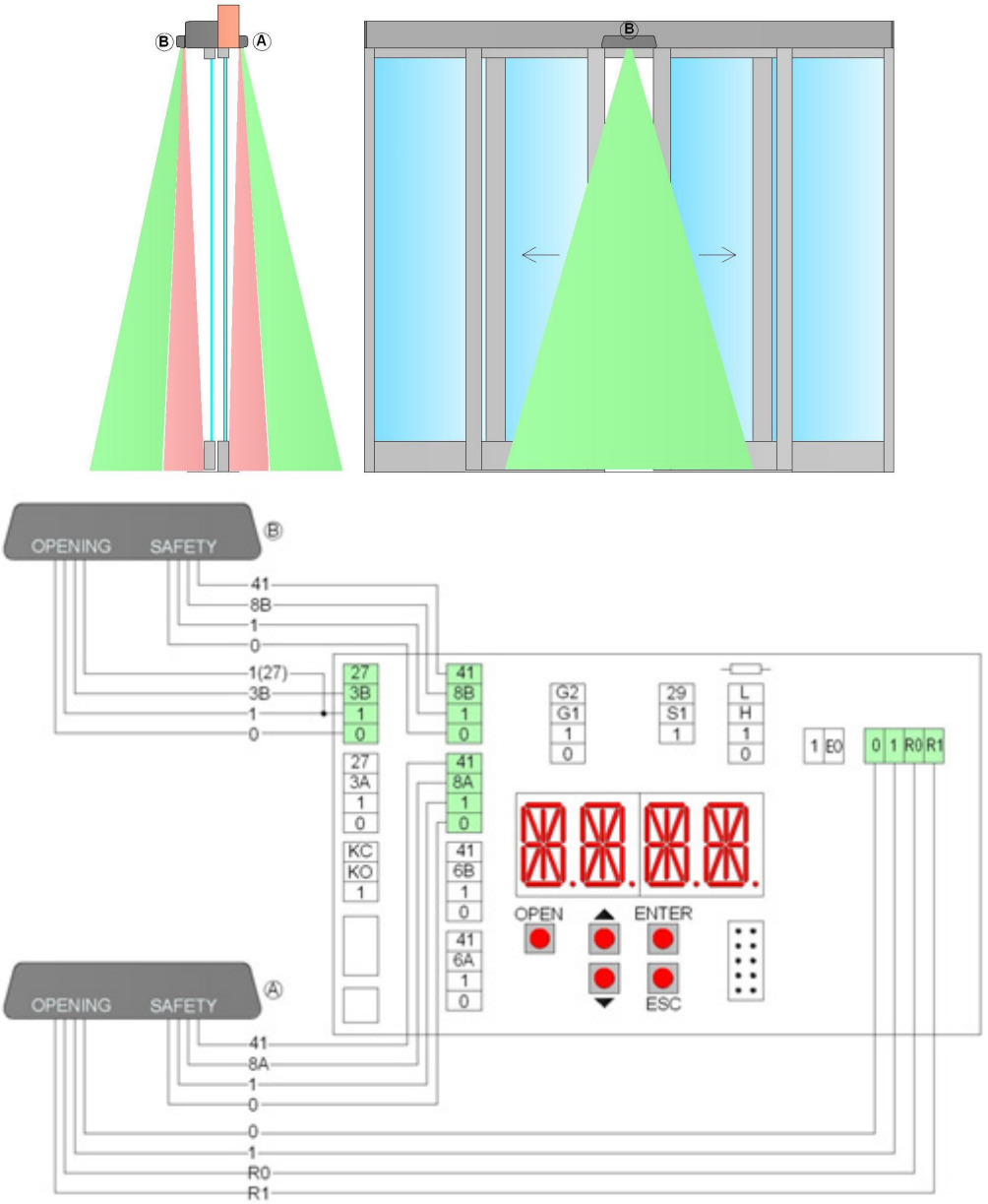
8.4 ELECTRICAL CONNECTIONS OF FUNCTIONS SELECTOR AQA R

Connect the terminals 0-1-H-L on the functions selector, using the cable not supplied by us, for terminals 0-1-H-L of the electronic control.
N.B. For lengths over 10 metres, use a cable with 2 braided pairs.
After connection, the functions selector is working. If you want to limit use only by authorised staff, the proximity badges (13.56MHz ISO15693 and ISO14443 Mifare) must be enabled using the functions selector menu (max 50 badges).
The functions selector allows the following settings.

Symbol	Description
	FULL BIDIRECTIONAL OPENING Allows bidirectional door operation.
	DOOR OPEN The door opens and remains open.
	FULL UNIDIRECTIONAL OPENING Allows unidirectional operation from the internal/external side of the door.
	NIGHTTIME CLOSING The door closes and remains locked (if the lock is present), disabling the radars.
	WINTER PARTIAL OPENING The door opens partially (can be set from 10% to 90% of the stroke).
	Function ready for future use with upcoming firmware releases.
	NFC SENSOR NFC Sensor Area.

Symbol	Description
	LOCK Lock Function active
NFC	NFC NFC Tag Receiving is enabled.
	MAINTENANCE Indicates the need for scheduled maintenance.
	BATTERY Indicates that the control unit is operating in emergency battery mode.
	PHARMACY Indicates that the PHARMACY function is active (partial opening.

8.5 SAFETY SENSOR ELECTRICAL CONNECTIONS (INTERNAL/EXTERNAL TRANSIT AREA)

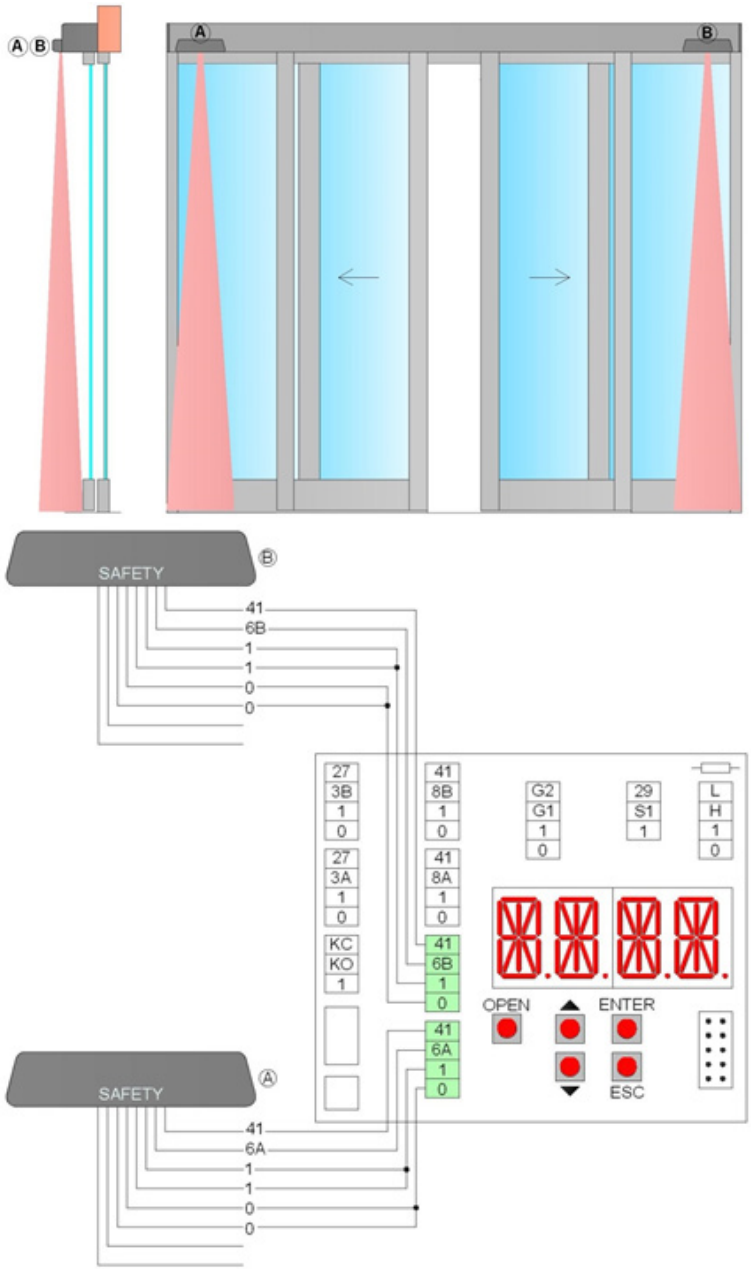


Connect the sensor, using the cable supplied, to the terminals of the electronic control as follows:

	Terminals	(A) Internal Sensor 31RD0002	Notes		Terminals	(B) External Sensor 31RD0001	Notes
OPENING	0	White			0	White	
	1	Brown			1	Brown	
	R0	Green	Remove the jumper		1	Yellow	
	R1	Yellow	Remove resistance		3B	Green	
SAFETY	0	Grey			0	Grey	
	1	Red			1	Red	
	8A	Blue	Remove the jumper		8A	Blue	Remove the jumper
	41	Pink			41	Pink	

For further information, refer to the installation manual of the sensor.

8.6 ELECTRICAL CONNECTIONS OF THE SAFETY SENSOR



Connect the sensor, using the cable supplied, to the terminals of the electronic control as follows:

	Terminals	(A) (B) Internal sensor 31RD0001	Notes
SAFETY	0	White	
	0	Grey	
	1	Brown	
	1	Red	
	6A (6B)	Blue	Remove the jumper
	41	Pink	
		Yellow	Do Not Connect
		Green	Do Not Connect

For further information, refer to the installation manual of the sensor.

9 Manual use of the sliding door

LUCE R automations for automatic sliding doors are extremely reversible and allow manual movement of the leaf without additional forces.
There are mainly two situations in which manual movement is necessary of the door:
- for cleaning operations of the leaves, of the glass and the sliding guides outside the automation;
- in the event of a power failure, or an automation fault.

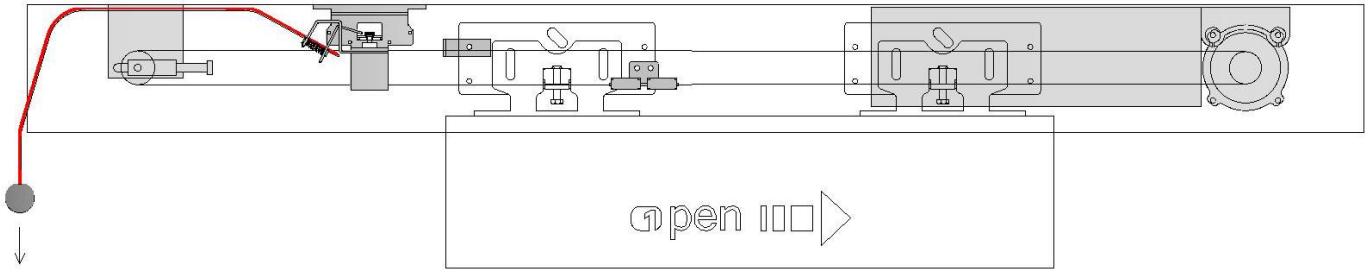
N.B. In both cases, any bolts or locks should be opened on the leaves.

9.1 MANUAL USE OF THE SLIDING DOOR FOR LEAF CLEANING OPERATIONS

Manual movement of the sliding leaves is always possible by choosing the open door mode on the functions selector.
N.B. In the absence of the functions selector, you can maintain the door in open door mode using a switch connected to the 1-KO terminals of the electronic control.

9.2 MANUAL USE OF THE SLIDING DOOR IN A POWER FAILURE OF FAULT

Manual movement of the sliding door is always also possible in a power failure or automation fault.
In the presence of the locking device, pulling the unlocking cord, the doors are unlocked and remain so until electrical operation is restored.
To disconnect mains power, for example in the event of an automation fault, disconnect the plug from the electrical socket positioned near the automation, or use the omnipolar switch/sectioning device prepared in the electrical system.



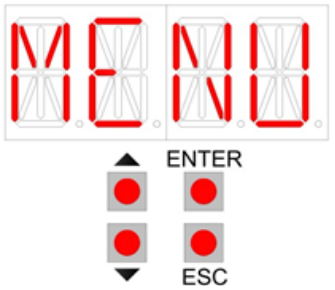
10 Use the sliding door for emergency exits (without breakout leaves)

The LUCE R automation is used in emergency exits, and allows automatic opening of the door in the event of a fault, in a power failure, or signalling by an alarm system.
The door must be equipped with an opening sensor 31RD0002 for emergency exits, installed in the escape direction.
To keep the door closed and disable emergency exit operation, you must install the functions selector AQA R.
The functions selector must only be accessible by authorised staff, using a badge.
N.B. On each switch on, or every 24 hours, the emergency opening test is carried out.

When requested, the door must be equipped with an emergency opening device, installed in an easily identifiable position and accessible in the escape direction.
The emergency opening device allows immediate opening of the door, independent of the position of the functions selector.

The electronic control is equipped with 4 buttons and 4 alphanumerical displays to set all the necessary adjustments.
On switching on the electronic control, the display indicates the word “MENU”. Operation of the 4 keys is indicated in the table.

Buttons	Description
ENTER	Selection button, each time it is pressed you enter the selected parameter. Saving button, pressing for 1 second you “SAVE” the selected value. The following Menus are present: MENU = Main parameters menu ADV = Advanced parameters menu SEL = Functions selector menu MEM = Memory management menu INFO = Information and diagnostics menu
ESC	Escape button, each time it is pressed you exit the selected parameter or from the menu.
↑	Scroll button, each time it is pressed, you select a menu item or increase the value of the selected item.
↓	Scroll button, each time it is pressed, you select a menu item or reduce the value of the selected item



11.1 MAIN ADJUSTMENTS MENU

Using the buttons ↑ and ↓ choose MENU, press ENTER to select and adjust the main parameters.

Display	Description	Default settings
DOOR DOOR TYPE	Automation type setting. Choose from the following values: STD = standard for automations: SL4A, SL4E, SL5A, SL5E, SL5H, SL6A, SL6E, SL6H, SLTA, SLTE. BIG = for SL5B automations with belt reduction unit BIG1 = Future use HSTD = Future use HBIG = Future use	SL5A
OPEN OPENING DIRECTION	Opening direction setting. Choose from the following values: ↔ → = door with 2 leaves or door with 1 leaf that opens to the right ← = door with 1 leaf that opens to the left EMERGENCY - For Emergency automations with one leaf and left opening, the carriage must be fastened to the upper part of the belt, as indicated in chapter 10.1.	↔ →
PART PARTIAL OPENING	Partial opening percentage setting. Choose between the minimum and maximum value: minimum value = 10% maximum value = 90% EMERGENCY - For Emergency automations, partial opening must comply with legislation in force.	90
VOP OPENING SPEED	Opening speed setting. Choose between the minimum and maximum value: minimum value = 100 mm/s maximum value = 800 mm/s EMERGENCY - For Emergency automations, set the opening speed ≥ 300 (for doors with 2 leaves), or ≥ 550 (for doors with 1 leaf). For Heavy automations and Big automations (DOOR=SL5B), the speed is automatically reduced to the permitted values (see the technical data).	500
VCL CLOSING SPEED	Closing speed setting. Choose between the minimum and maximum value: minimum value = 100 mm/s maximum value = 800 mm/s For Heavy automations (DOOR=SL5H) and Big automations (DOOR=SL5B), the speed is automatically reduced to the permitted values (see the technical data).	300
TAC CLOSING TIME	Open door time setting. Choose between the minimum and maximum value: NO = door always open minimum value = 1 s maximum value = 30 s	1
PUSH MOTOR POWER	Force setting Choose between the minimum and maximum value: minimum value = 1 maximum value = 10	10

LEAF DOOR WEIGHT	Leaf weight and friction present setting. Choose from the following values: NO = very light leaf / no friction MIN = light leaf / little friction MED = medium leaf / normal friction MAX = heavy leaf / high friction HEAVY = HEAVY automation for very heavy doors	MED
RAMP ACCELERATION TIME	Acceleration time setting. Choose between the minimum and maximum value: minimum value = 100 ms (maximum acceleration) maximum value = 2000 ms (minimum acceleration)	600
BTMD BATTERY MODE	Setting the battery power supply device operation, in a power failure. Choose from the following values: NO = battery not connected EMER = emergency opening (EMERGENCY - Automatic selection for Emergency automations) CONT = continuation of normal door operation, with last opening manoeuvre N.B. the number of manoeuvres and the duration with the battery depends on the efficiency of the battery, the weight of the leaves and the friction present. UNLK = The unlocking device uncouples and the door does not move.	NO

11.2 ADVANCED PARAMETERS MENU

Using the buttons ↑ and ↓ choose the ADV menu, press ENTER to select and adjust the advanced parameters.

Display	Description	Default settings
OSSM OPENING SAFETY MOTION	Slowing space setting of the safety sensors in opening (see terminals 6A/6B). Choose from the following values: NO = no slowing 100 / 200 / 300 / 400 / 500 = the door slows in the last 100/ 200/ 300/ 400/ 500 mm of opening YES = the door slows during the entire opening	500
OSSS OPENING SAFETY STOP	Stoppage space setting of the safety sensors in opening (see terminals 6A/6B). Choose from the following values: NO = no stop 100 / 200 / 300 / 400 / 500 = the door stops in the last 100/ 200/ 300/ 400/ 500 mm of opening	NO
TYLK LOCK TYPE	Locking device type selection. Choose from the following values: LK1 = bistable locking device LK2 = magnetic brake device LK3 = Future use LK4 = Future use	LK1
ELLK LOCK OPERATION TYPE	Locking operation type selection. Choose from the following values: AUTO = unlocked with automatic operation and locked with one-directional operation and door closed UNLK = always unlocked with automatic and one-directional operation (EMERGENCY - Automatic selection for Emergency automations) LOCK = always locked and door closed	AUTO
PUCL PUSH DOOR CLOSED	Thrust on stop closed setting. Choose from the following values: No = no thrust MIN = slight thrust MED = medium thrust MAX = strong thrust	MIN
PIPP PUSH DOOR OPEN	Thrust on stop open setting. Choose from the following values: No = no thrust YES = thrust enabled	NO
HOLD HOLD DOOR OPEN	No = no thrust MIN = slight thrust MED = medium thrust MAX = strong thrust	NO
PUGO PUSH & GO	Enabling of door on thrust. Choose from the following values: No = disabled YES = enabled	NO
TAKO KO-CLOSING TIME	Open door time setting, after 1-KO command. Choose between the minimum and maximum value: NO = see MENU > TAC setting minimum value = 1 s maximum value = 30 s	NO

VTAC VARIABLE CLOSING TIME	Variable automatic closing time based on pedestrian traffic. Choose from the following values: No = disabled YES = enabled	YES
MOT MOTOR CIRCUIT	Manual sliding of the door setting (only with power present), using the electrical connection of the motor windings. Choose from the following values: OC = manual opening of the door without friction (motor with windings open) SC = manual opening of the door with friction (motor with windings in short circuit)	OC
T41 SAFETY TEST	Test enabling for safety devices (in compliance with standard EN16005) Choose from the following values: NO = test disabled YES = test enabled	YES
EMER EMERGENCY DOOR	Only for EMERGENCY automations. If necessary, operation as an emergency exit can be deactivated. Choose from the following values: NO = emergency exit disabled (does not comply with EN 16005). YES = emergency exit enabled	YES
PULY MOTOR PULLEY	Future use	15
SYNC DOOR SYNCHRONIZATION	Two automations per leaf with synchronised movement. Choose from the following values. NO = no synchronisation MST1 = MASTER automation SLV1 = SLAVE automation MST2 = MASTER external automation (see menu: ADV > INK > EXT) SLV2 = SLAVE external automation (see menu: ADV > INK > EXT)	NO
INK INTERLOCKED DOOR	Interlocked operation between two doors, i.e. opening of a door is only permitted when the other door is closed. Choose from the following values. NO = no interlock INT = internal door EXT = external door	NO
ID IDENTIFICATION NUMBER	If several automations are networked via 1-H-L terminals, they must have different identification numbers. Choose from the following values: NO = without network 0 / 1 / 2 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 11 / 12 / 13 / 14 (EMERGENCY: 0 / 1 / 2 / 3)	0
STG1 G1-SETTING	Input commands between terminals 1-G1. Choose from the following values. NO = No function STOP = Stop command (N.C.). Opening of the contact 1-G1 causes stoppage of the door (EMERGENCY Selection not available for Emergency automations). STEP = Step-step command Closure of the contact 1 - G1 causes in sequence opening (automatic closure disabled) and closure of the door. SAM = Automatic selection command of the function selector. Closure and opening of the contact 1-G1 changes the functions selector mode (see menu settings: SEL > SAM1 and SEL > SAM2). EMER = Emergency opening command (N.C.). Opening of the contact causes the door to open. PART = Partial opening command (see menu settings: MENU > PART > 10-90). CAB = Step-step command. Closure of the contact 1 - G1 causes in sequence closure of the door (commands 3A/3B disabled, room occupied signalling enabled) and opening of the door (re-enabling commands 3A/3B, occupied room signalling disabled). INKE = Interlocked operation bypass command between two doors (see menu: ADV > INK).	NO

Display	Description	Default settings
STG2 G2-SETTING	Input commands between terminals 1-G2. Choose from the following values. NO = No function STOP = Stop command (N.C.). Opening of the contact 1-G2 causes stoppage of the door (EMERGENCY Selection not available for Emergency automations). STEP = Step-step command Closure of the contact 1 - G2 causes in sequence opening (automatic closure disabled) and closure of the door. SAM = Automatic selection command of the function selector. Closure and opening of the contact 1-G2 changes the functions selector mode (see menu settings: SEL > SAM1 and SEL > SAM2). EMER = Emergency opening command (N.C.). Opening of the contact causes the door to open. PART = Partial opening command (see menu settings: MENU > PART > 10-90). CAB = Step-step command. Closure of the contact 1 - G2 causes in sequence closure of the door (commands 3A/3B disabled, room occupied signalling enabled) and opening of the door (re-enabling commands 3A/3B, occupied room signalling disabled). INKE = Interlocked operation bypass command between two doors (see menu: ADV > INK). Output signalling between the terminals 0-G2 (12Vdc 20mA). Choose from the following values: BELL = Output is activated for 3 seconds when the people come into the shop (by enabling in sequence the safety contacts 1-8B and 1-8A). SERV = Output is enabled when the door reaches the number of maintenance manoeuvres, set using the menu: INFO > SERV. WARN = Output is enabled when at least one alarm persists for 5 minutes. To reset alarm signalling to zero, reset or disconnect power. CLOS = Output is enabled when the door is closed OPEN = Output is enabled when the door is open LOCK = Output is enabled when the door is closed and locked AIR = Output is enabled when the door is not closed LAMP = Output is enabled when the door is in motion CABS = Occupied room signalling (see menu setting: ADV > STG1 > CAB) INK = Red traffic light signalling for interlocked doors (see menu: ADV > INK)	NO

11.3 FUNCTIONS SELECTOR MENU

Using the buttons ↑ and ↓ choose the SEL menu, press ENTER to select and adjust the selector parameters.

Display	Description	Default settings
MODE SELECTOR MODE	Display the operating mode of the functions selector: NO = no mode present OPEN = door open AUTO = two-directional automatic operation CLOS = door closed 1D = one-directional automatic operation PA = partial automatic operation 1DPA = one-directional and partial automatic operation	NO
SECL SELECTOR LOCK	Functions selector activation mode. Choose from the following values. NO = functions selector always accessible LOGO = function selector accessible by badge TAG = Future use	NO
DLAY DELAY CLOSED DOOR	Door closed function delay time setting. Choose between the minimum and maximum value: minimum value = 1 s maximum value = 5 min	1
TMEM TAG MEMORIZE	Memorisation procedure of the badge, choose the following values. NO = no memorisation SMOD = memorisation of the badge for selector activation: - press the ENTER key for 1 second, the display shows the writing REDY, - move the badges close to the functions selector (in front of the NFC symbol), the display shows the badge code, - wait 20 seconds or press the ESC key. OPEN = memorisation of the badge of priority opening; proceed as for SMOD. N.B. If the badge is not recognised, the display will show the writing UNKN, or if the badge or the numerical code is already saved, the writing NOK appears. You can save an overall maximum of 50 badges and numerical codes.	NO

TMAS TAG MASTER	Future use	NO
TDEL TAG DELETE	Cancellation procedure of the badge, choose the following values. NO = no cancellation YES = cancelled badge. - press the ENTER key for 1 second, the display shows the writing REDY, - move the badges close to the functions selector (in front of the NFC symbol), the display shows the badge code, - wait 20 seconds or press the ESC key. N.B. if the badge is not recognised, the display shows the writing UNKN.	NO
TERA TAG TOTAL ERASE	Procedure to delete all the badges saved. Choose from the following values: NO = no cancellation YES = cancellation of all the badges	NO
SAM1 SELECTOR AUTOMATIC MODE	First selection of the functions selector, when the contact 1-G1 (1-G2) closes. Enable the SAM mode via the menu ADV > STG1 (STG2) > SAM. Connect the contact of a clock to the terminals 1-G1 (1-G2), and choose between the values: OPEN = door open AUTO = two-directional automatic operation CLOS = door closed (EMERGENCY - In the event of Emergency automations, the door closed selection must only be made using the functions selector) 1D = one-directional automatic operation PA = partial automatic operation 1DPA = one-directional and partial automatic operation	CLOS
SAM2 SELECTOR AUTOMATIC MODE	Second selection of the functions selector, when the contact 1-G1 (1-G2) opens. Enable the SAM mode via the menu ADV > STG1 (STG2) > SAM. Connect the contact of a clock to the terminals 1-G1 (1-G2), and choose between the values: OPEN = door open AUTO = two-directional automatic operation CLOS = door closed (EMERGENCY - In the event of Emergency automations, the door closed selection must only be made using the functions selector) 1D = one-directional automatic operation PA = partial automatic operation 1DPA = one-directional and partial automatic operation	CLOS
FW FIRMWARE UPGRADE	Functions selector programming procedure. Insert the SD micro memory in the electronic control. From this menu, choose the desired firmware version. Press the ENTER key until the programming procedure starts with a duration of approx. 30 seconds, at the end of which the writing “SAVE” appears. At the end of the procedure, remove the SD micro memory from the electronic control and keep it for future use. N.B. In the event of a programming error or missing firmware (W103), proceed as follows: disconnect power, insert the SD micro memory, power and repeat the programming procedure from the menu present.	- - - -
VER VERSION	Displays the firmware version of the functions selector (for example = 0200).	- - - -
TIN TAG INPUT	Allows importing the badges used in another automation, already saved on a SD micro memory. Choose from the following values: NO = no import YES = imports the badges on the SD micro memory	NO
TOUT TAG OUTPUT	Allows saving the badges in the automation in use, on a SD micro memory. Choose from the following values: NO = no saving YES = saves the badges of the automation on the SD micro memory	NO
STCL CLOSED DOOR SIGNAL	Setting the door closed and locked signal, in the presence of a bistable lock and micro-switch. Choose from the following values: NO = the “door closed” symbol remains lighting even if the door is opened by hand. YES = the “door closed” symbol only lights up when the door is really closed and locked. N.B. if the lock does not close the door, the symbol “door closed” flashes.	NO

11.4 MEMORY MANAGEMENT MENU

Using the buttons ↑ and ↓ choose the MEM menu, press ENTER to select and adjust the following memory management parameters.

Display	Description	Default settings
FSET FACTORY SETTINGS	Restores all the settings to factory values. Choose from the following values: NO = no resetting. YES = resetting the factory settings.	NO
FW FIRMWARE UPGRADE	Electronic control programming procedure. Insert the SD micro memory in the electronic control. From this menu, choose the desired firmware version. Press the ENTER key until the programming procedure starts with a duration of approx. 30 seconds (or approx. 2 minutes for EMERGENCY automations), at the end of which the writing “SAVE” appears. At the end of the procedure, remove the SD micro memory from the electronic control and keep it for future use. N.B. In the event of a programming error or missing firmware (W100, W104), proceed as follows: disconnect power, insert the SD micro memory, power, the programming procedure automatically starts or choose the firmware from the menu present.	- - - -
SIN SETTING INPUT	Allows importing the settings of the menu used in another automation, already saved on the SD micro memory. Choose from the following values: NO = no import YES = setting import on SD micro memory	NO
SOUT SETTING OUTPUT	Allows saving the automation in use menu settings, on a SD micro memory. Choose from the following values: NO = no saving YES = saves setting of automation on SD micro memory	NO

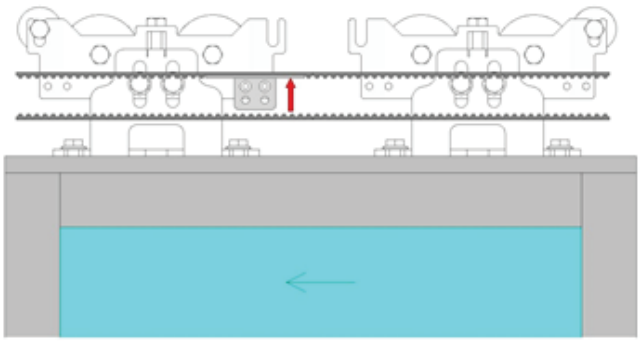
11.5 INFORMATION AND DIAGNOSTIC MENU

Using the buttons ↑ and ↓ choose the INFO menu, press ENTER to select and adjust the information and diagnostics parameters.

Display	Description	Default settings
SHOW DISPLAY INFO	Displays info on operation and anomalies. Choose from the following values: CONT = the display shows the contacts enabled of the terminal boards and alarms. WARN = the display shows the alarms only.	COUNT
VER VERSION	Displays the firmware version of the electronic control (for example = 0200).	- - - -
CYCL CYCLES	Displays the number of manoeuvres made by the door (1 = 1,000 manoeuvres, 9000 = 9,000,000 manoeuvres).	0000
SERV SERVICE SIGNAL	Enabling the routine maintenance signal of the door. NO = no signal 1 = 1,000 manoeuvre / 9000 = 9,000,000 manoeuvres	0000
LOG INFO OUTPUT	Allows saving the following information in a SD micro memory (sliding_log.txt): the last 20 alarms, the settings of the menu and the electronic devices connected to automation. Choose from the following values: NO = no saving YES = saves information on automation on SD micro memory	NO
WARN WARNING LIST	Displays the last 10 alarms (alarm number 0 is the last): 0.xxx / 1.xxx / 2.xxx / 3.xxx / 4.xxx / 5.xxx / 6.xxx / 7.xxx / 8.xxx / 9.xxx	0.- - -

11.6 EVENTS

DISPLAY	Description	Notes
W001	Encoder error	Check encoder connection
W002	Motor short circuit	Check motor connection
W003	Motor circuit error	Electronic control malfunction
W010	Inverted movement	Check the presence of obstacles
W011	Stroke too long.	Check belt connection
W012	Stroke too short	Check the presence of obstacles
W013	Beyond stroke	Check the presence of the mechanical limit switches
W030	Emergency card not detected	Electronic control malfunction
W031	Communication shut-off	Electronic control malfunction
W032	Emergency sensor input error	Electronic control malfunction
W033	Emergency opening test failure	Check motor-electronic control connection
W034	Motor relay error	Electronic control malfunction
W035	Lock position error	Check lock-micro switch connection
W036	Lock operating error	Check lock-micro switch connection
W037	Opening manoeuvre failure	Check the presence of obstacles
W038	Emergency opening test failure	Check motor-electronic control connection
W039	Contact 1-KC closed for over 10 seconds	Check connection to terminal KC
W100	Programming error (CB01)	Repeat the programming procedure MEM>FW
W103	Programming error (FSD1)	Repeat the programming procedure SEL>FW
W104	Programming error (CB02)	Repeat the programming procedure MEM>FW
W127	Automation reset	The automation executes an auto-diagnosis
W128	No mains power supply	Check the mains power supply is present.
W129	No battery	Check the battery connection
W130	Battery flat	Replace or recharge the battery
W140	Safety test fail 6A	Check connection of the safety sensor
W141	Safety test fail 6B	Check connection of the safety sensor
W142	Safety test fail 8A	Check connection of the safety sensor
W143	Safety test fail 8B	Check connection of the safety sensor
W145	Excess motor temperature (first threshold)	The door reduces the speed
W146	Excess motor temperature (second threshold)	The door stops
W148	Locking device overcurrent	Check the ADV>TYLK menu and connection of the lock
W150	Opening obstacle	Check the presence of obstacles
W151	Closure obstacle	Check the presence of obstacles
W152	Door locked in opening	Check the presence of locks
W153	Door locked in closure	Check the presence of locks
W160	Synchronisation error	Check the menu ADV > SYNC and ADV > INK
W256	Start-up	-
W257	Firmware upgrade	-
W320	Maintenance signal	Check INFO > SERV menu
W330	Motor and electronic in sync	Wait approx. 3-30 seconds



12.1 Preliminary checks
At the end of the installation activities, manually move the doors and check movement is regular and friction free.
Check the structure is solid and correctly fasten all the screws.
Check the electrical connections are all correct.
N.B. For doors with emergency exits with one leaf and left opening, the carriage must be fastened to the upper part of the belt, as indicated in the figure.

12.2 Before connecting possible safety devices, leave the jumpers on the safety terminals of the electronic control TS-CS-I, TS-CS-E, TS-OS-L, TS-OS-R).
N.B. The first opening and closure manoeuvre is carried out with low speed to enable automatic detection of the stop measurements.

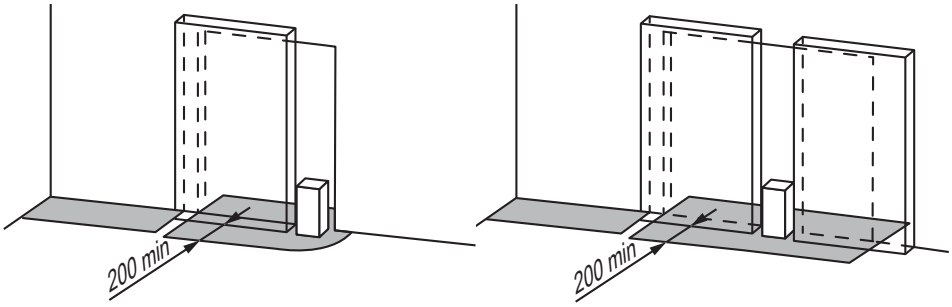
12.3 To ensure the electronic control has the factory settings, restore the values using the menu:
MEM > FSET > YES (confirm by pressing ENTER for 1 second).

12.4 Execute menu adjustments as indicated in chapter 9. Use the OPEN key to give the opening commands and check the door is working properly.
N.B. The automation automatically recognises possible obstacles during the closure (movement inversion) and opening manoeuvre (movement stoppage).

12.5 Connect the command and safety devices one at a time to protect the door closure manoeuvre, as indicated in chapter 8.5 and checking its correct operation.
N.B. Check the passage compartment is correctly protected from safety sensors, in compliance with the provisions of the European standard EN16005 (Annex C).

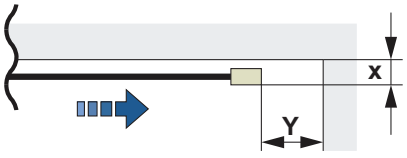
12.6 Connect the safety devices one at a time to protect the door opening manoeuvre, as indicated in chapter 8.6 and checking its correct operation.
N.B. In the event of distances between the door and the fixed parts, comply with the European standard EN16005 (chapter 4.6.2.1.a), the safety sensors in opening are not necessary (X ≤ 100 and Y ≥ 200).

12.7 Connect the functions selector as indicated in chapter 9.4.



12.8 When start-up is complete, deliver the use instructions to the manager of the automatic door, including the warnings and information necessary to maintain safety and functionality of the automatic door.

N.B. The manufacturer of the automatic sliding door must add its identification label of the system.



Other than the following list of possible problems, the warnings are provided on the display, as indicated in chapter 9.5.

Problem	Possible cause	Intervention
The automation does not open or close.	No mains power supply (display off).	Check the mains power supply is present.
	Burnt mains fuse (display off)	Replace the mains fuse
	Accessories outside the short circuit.	Disconnect all the accessories from the terminals -24V/+24V and reconnect them one at a time (check the presence of 24V voltage).
	The door is locked with latches or locks.	Check the doors move freely.
The automation does not execute the functions set.	Functions selector with wrong setting.	Check and correct the functions selector settings.
	Command or safety devices are always enabled.	Disconnect the devices from the terminal boards and check the door is working.
Movement of the doors is not linear or movement is inverted for no reason.	Automation did not correctly detect the stop measurements.	Reset by switching the automation off and back on.
The automation opens but does not close.	The safety devices test causes anomalies.	Bridge one contact at a time TS/OS-R TS/OS-L TS/OS-R TS/OS-L.
	The opening devices are enabled.	Check the opening sensors are not subject to vibrations, do not make false detections or the presence of objects in motion in the action range.
	Automatic closure is not working.	Check the settings of the functions selector.
The safety devices do not intervene.	Wrong connections between the safety devices and electronic control.	Check the safety contacts of the devices are correctly connected to the terminal boards and the relevant jumpers were removed.
The automation opens by itself.	The opening and safety devices are unstable or detect bodies in motion.	Check the opening sensors are not subject to vibrations, do not make false detections or the presence of bodies in motion in the action range.
	EMERGENCY automation is executing the emergency opening test.	Wait for the test to execute.
	EMERGENCY automation has detected an anomaly	Check the electrical mains is present. Check the battery connection and its efficiency. Check the 1-EO contact closure. Check the functions selector is in protected mode (the lock symbol must be lit). If present, check the position of the locking device and connection 1-S1.
The locking device does not lock or does not unlock the doors.	Wrong connection of the locking device on electronic control.	Check correct connection of the cable colours on the locking device.
	The lock coupling brackets, fastened on the carriages, do not release from the locking device.	Check adjustment of the position of the lock coupling brackets.
	Pulling the unlocking cord, the doors do not unlock.	Check correct fastening of the unlocking cord on the locking device.

To guarantee correct operation and safe use of the automatic door, as outlined in the European standard EN16005, the owner must have professionally competent staff carry out routine maintenance.

Except for routine cleaning activities of the fixture and possibly the sliding guides on the floor, the competence of the owner, all the maintenance and repair activities must be carried out by professionally competent staff.

The following table lists the activities relating to routine maintenance, and the intervention frequency referring to the automatic sliding door with operation in standard conditions. In the event of more burdensome conditions, or in the event of sporadic use of the automatic sliding door, the frequency of the maintenance intervention can be coherently adequate.

Activity	Frequency
Disconnect the power supply and open the automation and execute the following checks and adjustments. - Check correct fastening of all the screws on the components inside the automation. - Check cleaning of the carriages and the sliding guide. - Check correct voltage of the belt. - Check the wear status of the belt and the wheels of the carriages (if necessary, proceed to replace them). - Check correct fastening of the doors on the carriages. - If present, check the lock coupling and operation of the unlocking cord.	Every 6 months or every 500,000 manoeuvres.
Connect the mains power supply and execute the following checks and adjustments. - Check correct operation of the command and safety devices. - Check the detection area of the safety sensors complies with the provisions of the European standard EN16005. - If present, check the locking device is working correctly. - Check the battery-powered device is working properly (if necessary, proceed to replace the battery).	Every 6 months or every 500,000 manoeuvres. N.B. Check the safety functions of the automation and the safety devices which must be carried out at least once a year.

All maintenance, replacement, repair, upgrading, etc. operations must be written on the maintenance register, as requested by the European standard EN16005, and delivered to the owner of the automatic sliding door.

For possible repair or replacement of products, original spare parts must be used.

14.1 DISPOSAL OF PRODUCTS

USER INFORMATION

Pursuant to Legislative Decree No. 49 on 14 March 2014
"Implementation of Directive 2012/19/EU on electrical and electronic equipment waste (WEEE)"

The crossed bin symbol outlined on the equipment indicates the product at the end of its useful life must be collected separately from other waste. The user should therefore give the equipment with essential components intact at the end of its useful life to suitable electronic and electro-technical differentiated waste centres, or deliver it to the dealer on purchase of new, equivalent type equipment, in the region of one to one, or 1 to zero for equipment with its longest side under 25cm. Adequate differentiated collection for subsequent sending of the decommissioned equipment for recycling, processing and compatible environmental disposal contributes to avoiding negative effects on the environment and health and promotes recycling of the components of the equipment. Illegal disposal of the product by the user will be prosecuted pursuant to the administrative sanctions of Leg. Decree No. 49 on 14 March 2014.

MAINTENANCE REGISTER

FOR AUTOMATIC PEDESTRIAN DOORS IN COMPLIANCE WITH THE MACHINERY DIRECTIVE 2006/42/CE AND THE EUROPEAN REGULATION EN 16005

This maintenance register contains the technical references and records of the installation, maintenance, repair and modification activities and should be made available for possible inspections by authorised bodies.

TECHNICAL DATA OF THE AUTOMATIC DOOR AND INSTALLATION

Manufacturer / Installer: _____
Name, address, contact person

Customer / Owner: _____
Name, address, contact person

Order number: _____
Number and date of order

Name and description: _____
Type of door

Dimensions and weight: _____
Dimensions of the passage compartment, dimensions and weight of the doors

Serial number: _____
Univocal identification number of the door

Location: _____
Installation address

LIST OF COMPONENTS INSTALLED

The technical characteristics and performance of the components listed below are documented in the relevant installation manuals and/or on the label placed on the component.

Automation: _____
Model, type, serial number

Motor: _____
Model, type, serial number

Electronic control: _____
Model, type, serial number

Safety devices: _____
Model, type, serial number

Command devices: _____
Model, type, serial number

Various devices: _____
Model, type, serial number

Other: _____
Model, type, serial number

TEST REPORT Tick the box corresponding to the intervention carried out: C = Conforming, NC = Non-conforming, NA = Not applicable.				
Phase	Description	C	NC	NA
1	Check the existing structure and automation fastening			
2	Check the correct fastening of the doors to the carriages of the automation and adjustment			
3	Check that the carriages cannot exit the sliding guiding device			
4	Check the belt tension			
5	Check the mechanical limit switches and the fastening of all the screws			
6	Check the floor guiding device			
7	Check that the passage compartment complies with contractual data			
8	Check the distance between the door and the floor			
9	Check the safety distance during the opening			
10	Manually check that the doors slide freely without friction			
11	Check the electrical connections of the devices installed			
12	Check the detection area of the opening and safety sensors			
13	Check the additional opening commands (buttons, contacts with key, etc.)			
14	Check the functions selector			
15	Check operation with the battery			
16	Check the manual locking and unlocking device function			
17	Check the opening and closing speed			
18	Declaration of Conformity delivered to the owner			
19	Use and Maintenance Manual delivered to the owner			
20	Maintenance Register delivered to the owner			

Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DESCRIPTION OF OPERATION Tick the box corresponding to the intervention carried out. Describe possible residual risks and/or foreseeable improper use.		
[ ] Installation		
[ ] Start-up		
[ ] Adjustment		
[ ] Maintenance		
[ ] Repair		
[ ] Modification		
Date	Technician's signature	Owner's signature

DECLARATION OF INCORPORATION

Machines Directive 2006/42/EC, Annex II-B

CE

MyOne S.r.l.
Via Abbate Tommaso, 52 - 30020 Quarto d'Altino (VE) - Italy

Declares that the product: **Automation for power operated pedestrian sliding door**
Type: **LUCE R**

Has been built for installation on pedestrian door and constitutes a machine in accordance with *Directive 2006/42/EC*

The manufacturer of the power operated pedestrian door must declare its conformity in accordance with *Directive 2006/42/EC (Annex II-A)* prior to starting-up the machine.

It complies with the applicable essential safety requirements specified in *Annex I, chapter 1 of Directive 2006/42/EC.*
It complies with the Electromagnetic Compatibility Directive 2014/30/UE.

It complies with following harmonized standards:
EN 16005 Power operated pedestrian doorsets – Safety in use – Requirements and test methods (chapters: 4.2, 4.3.1, 4.3.2, 4.3.3, 4.4.1, 4.4.4, 4.4.5, 4.6.1, 4.6.2, 4.6.4, 4.6.7, 4.6.8, 4.7.2.1, 4.7.2.2, 4.7.2.3, 5.1, 5.2, 5.3, 5.4, 5.5.3, 5.6, 5.8, 5.10).

EN 60335-2-103 Household and similar electrical appliances – Safety – Part 2: Particular requirement for drives for gates, doors and windows.

The technical documentation complies with Annex VII-B to Directive 2006/42/EC.

The technical documentation is managed by:
Daniele Vanin
with registered office in Via Abbate Tommaso, 52 – 30020 Quarto d'Altino (VE) – ITALY

A copy of the technical documentation shall be supplied to the competent national authorities following duly motivated request.

Place and date:

Daniele Vanin
General Manager

myone S.r.l - Via T. Abbate, 52 - 30020 Quarto d'Altino (VE) - ITALY Tel. +39 0422 824384 - Fax +39 0422 824384

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