

LUCE R

Installation and maintenance manual for sliding doors



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Dear Customer, we would like to thank you for choosing our product and recommend that you read the following installation and operating instructions carefully to ensure optimal performance. We would also like to remind you that the installation of this product must be carried out by qualified professionals only.

Before starting the installation or commissioning an automatic pedestrian door, an on-site inspection must be carried out by professionally qualified personnel to take the measurements of the wall opening, the door frame and the automatic system.

This inspection serves to assess risks and to select and implement the most appropriate solutions based on the type of pedestrian traffic (heavy, light, one-way, two-way, etc.), the type of users (elderly, disabled, children, etc.), and the presence of potential hazards or specific local conditions.

To assist the installer in applying the requirements of European Standard EN 16005 concerning the safe use of automatic pedestrian doors, we recommend consulting the UNAC (Association of Manufacturers of Motorised Window and Door Fittings and Automation Systems) guides available on the website: /ass/unac.

1.1 CORRECT USE OF THE AUTOMATIC SLIDING DOOR

LUCE R automatic sliding door operators have been designed and manufactured in accordance with European Standard EN 16005; furthermore, the innovative and advanced electronic control system makes the door intrinsically safe to use, as the maximum forces generated are limited to non-hazardous levels. However, the following warnings must be observed to ensure safety in relation to the door's intended use, namely pedestrian access.

1.2 GENERAL SAFETY WARNINGS

This assembly, installation and maintenance manual is intended exclusively for professionally qualified personnel. Read the instructions carefully before starting to install the product.

Incorrect installation may be a source of danger. Packaging materials (plastic, polystyrene, etc.) must not be discarded in the environment and must not be left within the reach of children as they are potential sources of danger.

Before starting installation, check that the product is undamaged. Do not install the product in explosive environments or atmospheres: the presence of flammable gases or fumes constitutes a serious safety hazard.

Before installing the automatic system, carry out all structural modifications relating to the creation of safety clearances and the protection or segregation of all areas involving crushing, shearing, entrapment and general hazards.

Check that the existing structure meets the necessary requirements for strength and stability. MYONE S.r.l. is not liable for failure to comply with Good Engineering Practice in the construction of the doors and windows to be motorised, nor for any deformation that may occur during use. Safety devices (presence sensors, photocells, etc.) must be installed taking into account: the regulations and directives in force, the criteria of Good Engineering Practice, the installation environment, the system's operating logic and the forces generated by the automatic pedestrian door.

Apply the signage required by current regulations to identify hazardous areas.

Each installation must display the identification details of the automatic pedestrian door in a visible manner.

1.3 CE MARKING AND EUROPEAN DIRECTIVES



MYONE automatic systems for pedestrian sliding doors are designed and manufactured in accordance with the safety requirements of European standard EN 16005 and bear the CE marking in accordance with the Electromagnetic Compatibility Directive (2014/30/EU).

MYONE automatic systems are also accompanied by a Declaration of Incorporation for the Machinery Directive (2006/42/EC).

Under the Machinery Directive (2006/42/EC), the installer who installs an automatic pedestrian door has the same obligations as a machinery manufacturer and, as such, must:

- prepare the technical file, which must contain the documents listed in Annex V of the Machinery Directive;
(The technical file must be retained and kept available to the competent national authorities for at least ten years from the date of manufacture of the automatic pedestrian door);
- draw up the EC Declaration of Conformity in accordance with Annex II-A of the Machinery Directive and provide it to the customer;
- affix the CE marking to the automatic pedestrian door in accordance with point 1.7.3 of Annex I of the Machinery Directive.

1.4 RESTRICTIONS ON USE AND RESIDUAL RISKS

The European standard EN 16005 clearly defines the main hazards and the necessary safeguards to ensure the safe use of an automatic sliding door under standard conditions. Nevertheless, there may be specific situations where it is necessary to assess the potential risks and implement appropriate solutions to protect against or reduce the risk.

For example, special installations may arise from: architectural requirements, the type of use, the environment of use, the spaces within the building, the type of users, etc.

It is the installer's responsibility to identify and assess these risks and to inform the owner of the solutions adopted, including the existence of residual risks or the need for restrictions on use, by completing the following table.

Ref.	Residual risk	Solution adopted

The data contained in this manual has been compiled and checked with the utmost care.

However, MYONE S.r.l. cannot accept any liability for any errors, omissions or inaccuracies due to technical or graphic requirements.

MYONE S.r.l. reserves the right to make changes designed to improve the products. For this reason, the illustrations and information contained in this document are to be considered non-binding.

This edition of the manual cancels and replaces all previous editions. In the event of changes, a new edition will be published.

Using LUCE to operate a very heavy door may reduce the specified performance.

Frequency of use: these figures are indicative. Check that the temperature range stated in the technical data is compatible with the operating environment.

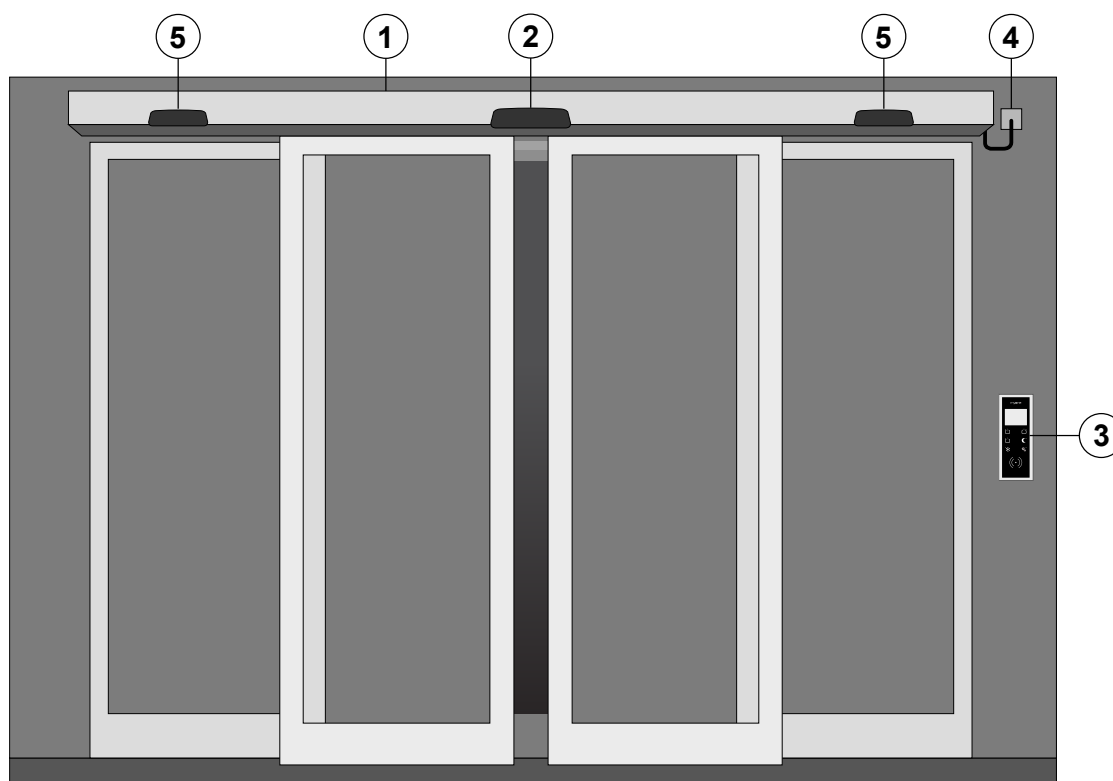
The data are measured under standard operating conditions and cannot be guaranteed for every individual case.

Every automatic door system involves variable factors such as: friction, balancing and environmental conditions which may substantially affect both the lifespan and the operational quality of the automatic door system or some of its components.

It is the installer's responsibility to apply appropriate safety factors for each specific installation.

Technical data	LUCE R
Model	Emergency
TÜVThüringencertification	 Type tested DIN EN 16005, DIN 18650-1/2, AutSchR • escape route safe • open and close safe ID P-4078/16 www.tuv-thueringen.de
Maximum automation dimensions: Height x Depth x Length	130 x 150 x 6500 mm
Maximum weight of single-leaf door: Maximum weight of double-leaf door:	140 kg 2 x 120 kg
Maximum opening and closing speed: Single-panel sliding door Double-leaf sliding door	0.8 m/s 1.6 m/s
Frequency of use	Continuous operation S3 = 100%
Wide-range power supply Rated power Standby	100–240 VAC 50/60 Hz 70 W 3 W
Rated load	150 N
Protection rating	IP 20
Operating temperature	 -15 °C  +50 °C
Parameter settings: basic settings and advanced settings	Buttons and display
Connections to control and safety devices	Dedicated plug-in terminal blocks
Output for powering external accessories	12 V DC (1 A max)
Memory for saving door data and settings	Standard USB / Micro SD
Electronic function selector with transponder key	AQA R
Door locking device with bistable operation, complete with release cord and lock position indicator	99EB0004
Battery power supply unit for emergency operation	99BA0002 (required)

N.B. The technical data given above refer to average conditions of use and cannot be guaranteed for every single case. Every automatic gate features variable elements such as: friction, balancing and environmental conditions which may substantially alter both the lifespan and the quality of operation of the automatic gate or some of its components, including the automatic mechanism. It is the installer's responsibility to apply appropriate safety factors for each specific installation.



Ref.	Code	Description
1	10SR1901 – 10SR6501 10SR1902 – 10SR6502	Automation for emergency exits for single-leaf sliding doors Automation for emergency exits for sliding doors with 2 leaves
2	31RD0004 31RD0008 31RD0003 31RD0005	Unidirectional opening and safety sensor for emergency exits Unidirectional opening and safety sensor for emergency exits Unidirectional opening and safety sensor Unidirectional opening and safety sensor (N.B. To ensure protection of the passageway, 2 sensors are required, one on each side)
3	AQA R	Electronic function selector with transponder key
-	99BA0002	Battery power supply unit for emergency operation
-	99EB0004	Bistable door locking device, complete with release cord and lock position indicator (optional device, internal to the automation system)
4	-	Power cable for connecting the automation system to the mains
5	31RP0003 31RP0002 31RD0005	Safety sensors for the side sliding area of the doors

N.B. The components and codes listed are those most commonly used in automatic sliding door systems. The full range of devices and accessories is, however, available in the price list.

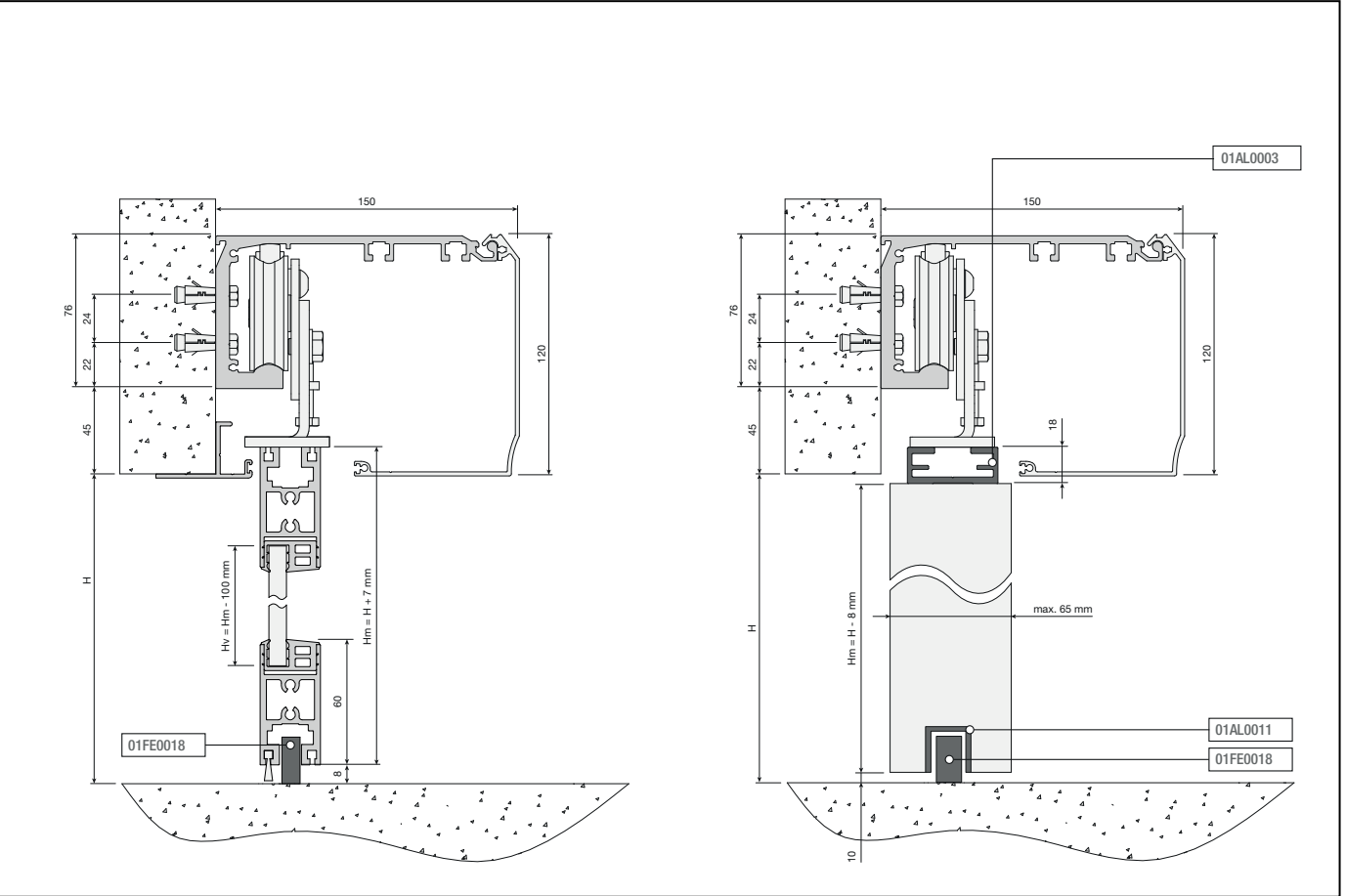
For the installation of the system, use accessories and safety devices approved by MYONE S.r.l.

The installation of an automatic sliding door, carried out by professionally qualified personnel, may only take place after an on-site inspection has been carried out (as indicated in Chapter 1), and after the door and automation system have been sized and manufactured.

The wall mounting of the housing profile must be secure and adequate for the weight of the doors. Space the fixing points every 500–800 mm, using suitable wall plugs and screws (not supplied by us), depending on the wall to which the fixing is being made. Drill holes in line with the groove provided inside the roller shutter box.

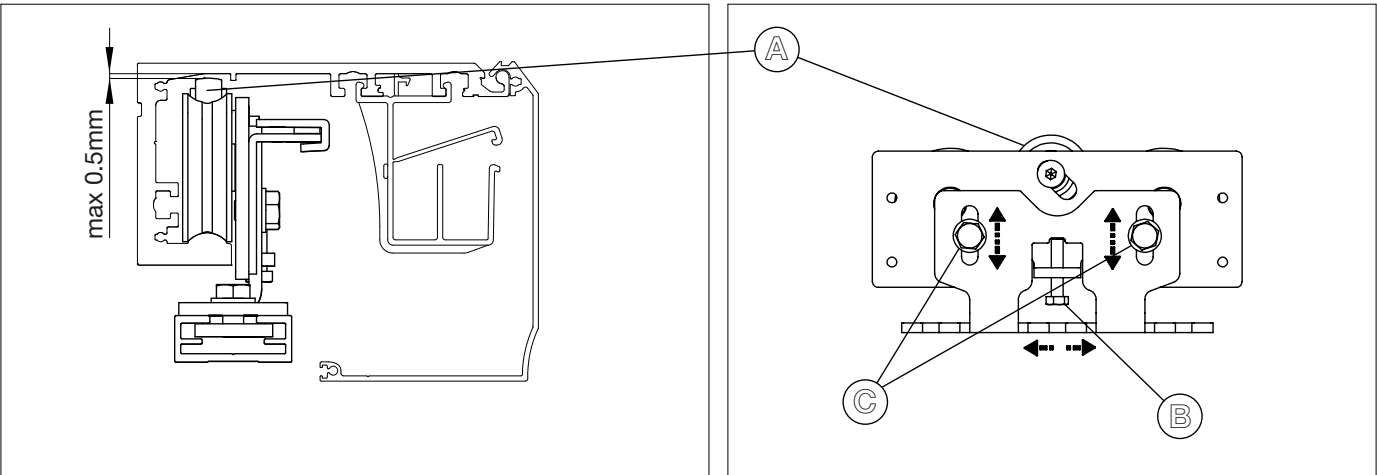
N.B. The wall must be straight and smooth; otherwise, suitable shims or iron plates must be fitted to secure the roller shutter box profile, to ensure it is correctly levelled.

4.1 BOX FIXING



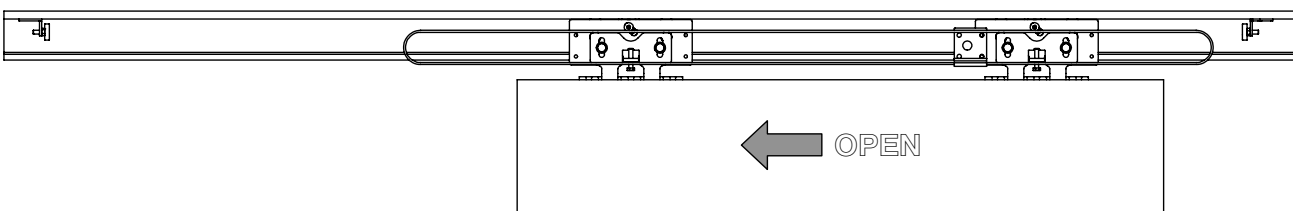
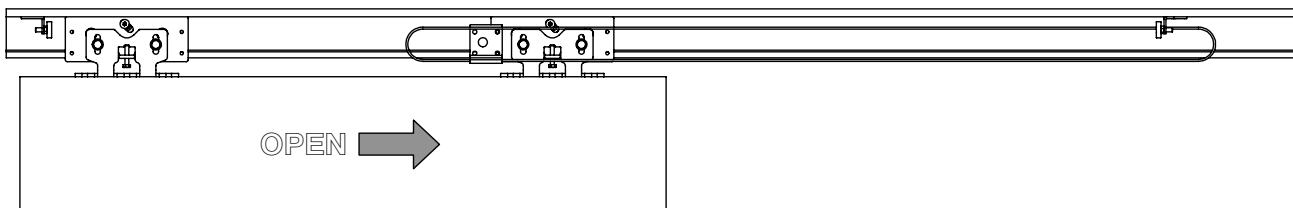
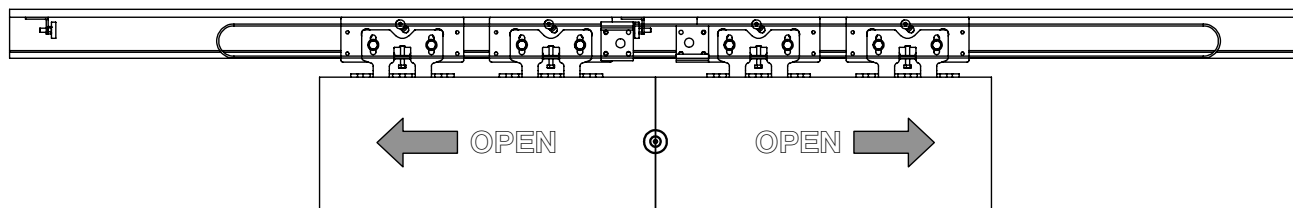
4.2 ADJUSTMENT AND INSTALLATION OF DOORS

Secure the sliding doors to the runners using 8MA screws.
 Move the doors to the closed position and adjust the height and depth as shown in the figure.
 Adjust the position of the upper stop wheels to prevent the roller carriage from coming out of the guide profile.



Move the doors by hand along their entire travel and check that they move freely and without friction, and that all the wheels are in contact with the sliding profile.

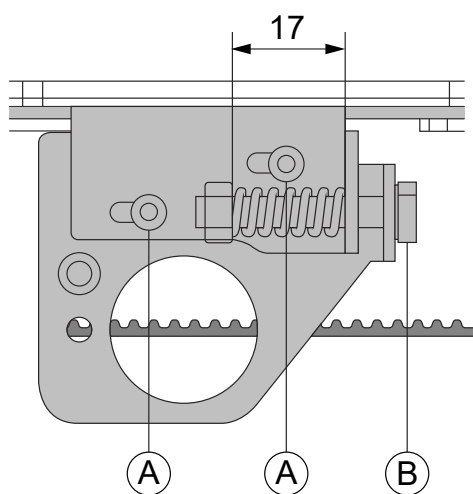
Check that the lower part of the door is correctly guided by the floor runner. Adjust the position of the mechanical stop brackets to limit the travel of the doors to the desired positions.

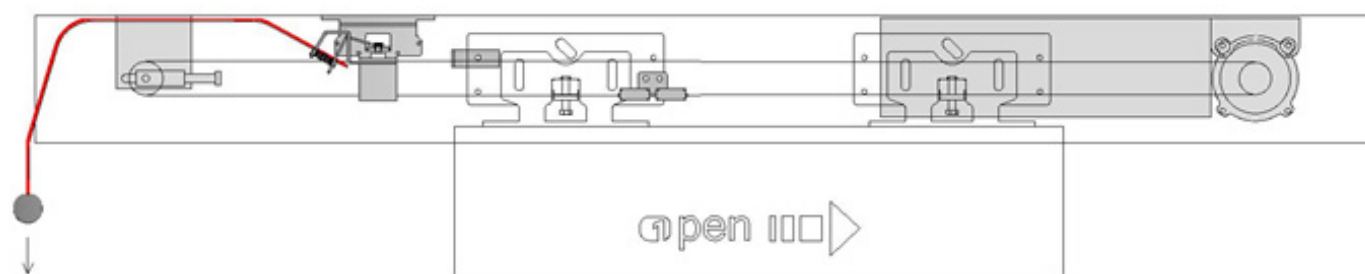


4.3 BELT ADJUSTMENT

Adjust the tension of the toothed belt using the pulley assembly, as shown in the figure:

- Push the pulley assembly manually to the left to tension the toothed belt, and secure it to the box profile using the appropriate screws.
- Loosen screw [A]
- Tighten screw [B] and compress the spring to a distance of approximately 2 mm (check manually, however, that the belt tension is neither too tight nor too loose)
- Lock the belt tension adjustment by tightening screw [A]





Secure the locking device to the box profile using the appropriate screws.

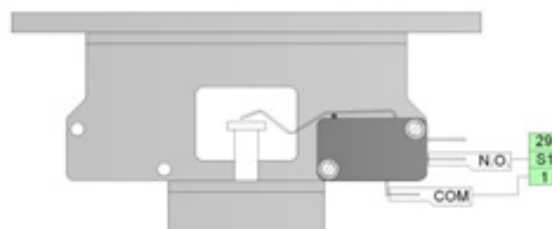
Secure the locking bracket to the roller.

Manually move the sash to the closed position and adjust the position of the bracket and/or the lock to ensure the locking device engages correctly.

Connect the locking device to the LK connector on the electronic control unit using the supplied cable (any excess length can be trimmed). Ensure the wires are correctly colour-coded (red to red and black to black).

Thread the release cord through the lower part of the left-hand end cap until it reaches the locking device. Pass the cord through the spring and secure it by wrapping it around the bracket. With the door in the closed and locked position, check that by pulling the release cord manually, the door can be opened manually.

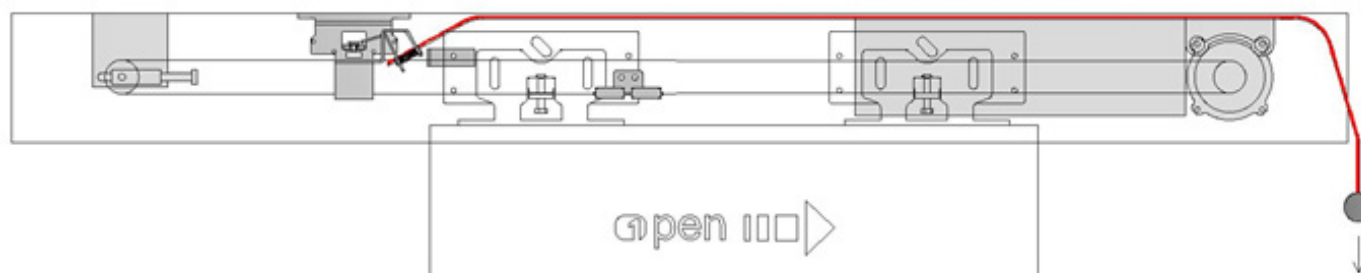
Connect the microswitch to the terminals of the electronic control unit using the supplied wiring (common=1; N.O.=S1).



If you need to route the release cord through the lower part of the right-hand head, proceed as follows:

- unscrew the 4 lower screws of the block,
- rotate the block so that the spring is on the right,
- secure the microswitch on the left,
- tighten the 4 lower screws again.

N.B. Pulling the release cord unlocks the doors, even in the absence of mains power, and they remain unlocked until electrical operation is restored.



6 Installation of the battery power supply

Secure the battery power supply unit to the roller shutter box profile.

Connect the battery power supply unit to the BAT connector on the electronic control unit using the cable supplied.

Check that the battery is connected to the electronic board.

Connect the automation to the mains power supply and wait at least 30 minutes to allow the battery to charge. Check that the door opens automatically when the mains power is disconnected.

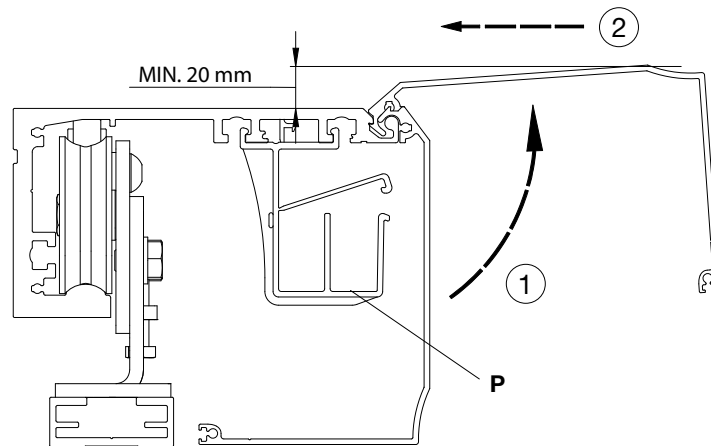
N.B. To allow the battery to charge, the battery power supply must always be connected to the electronic control unit. If the automatic door is not used for long periods, disconnect the battery from the electronic board.

If desired, you can connect a battery presence indicator LED (not supplied by us) between the [+] and [LD] terminals as shown in the figure. When mains power is present, the LED flashes every 10 seconds; when mains power is absent, the LED remains lit.

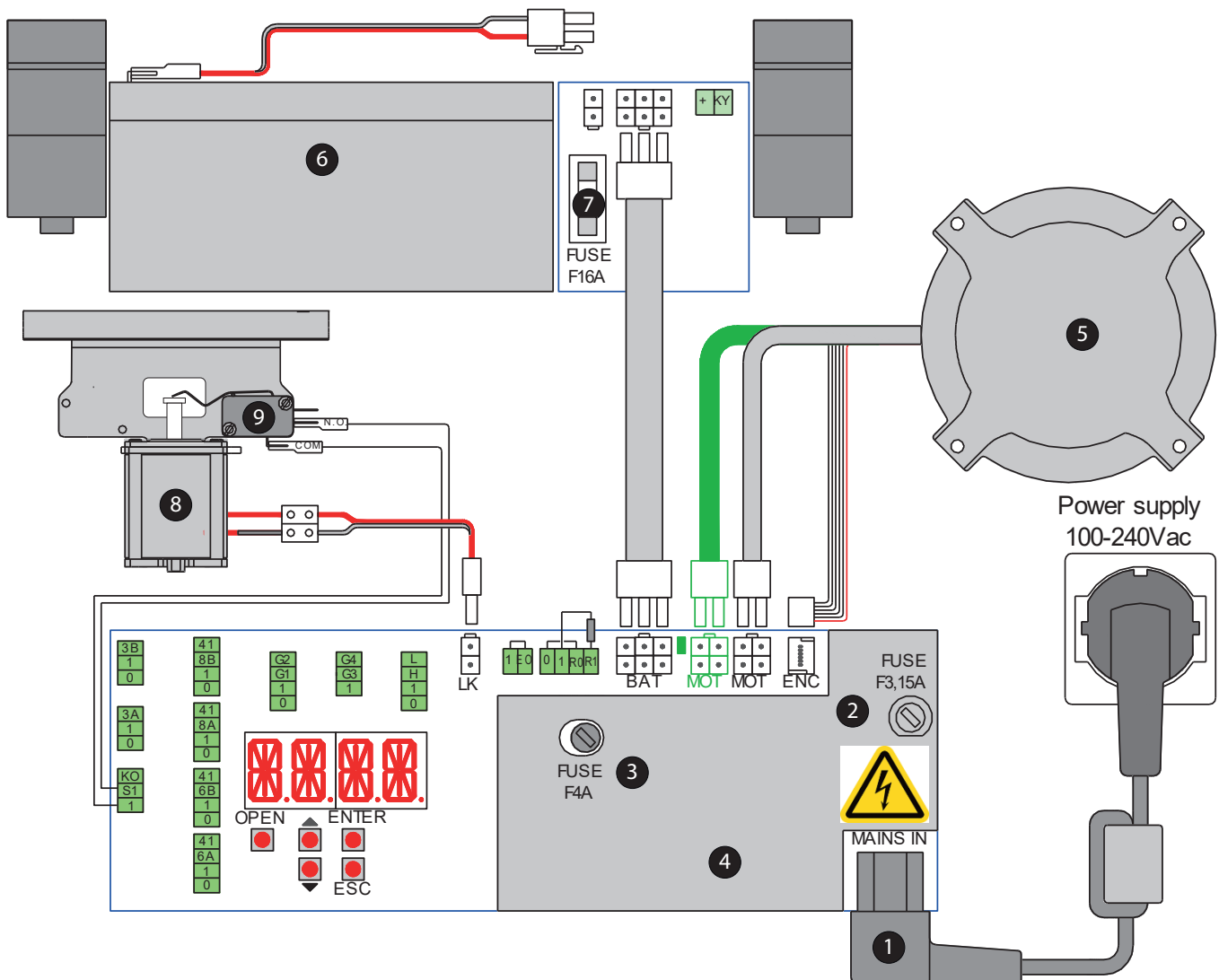
If desired, a normally open (N.O.) contact can be connected to reactivate battery operation (for example, using a key switch, not supplied by us), between terminals [+] and [KY] as shown in the figure.

7 Opening and locking the LIGHT cover

- (1) Opening the casing
 - (2) Locking the open casing
- When the casing is closed, secure it to the end caps using the screws provided.



8 Electrical connections



Ref.	Code	Terminals	Description
1		MAINS IN	Power cable for connecting the automation system to the mains.
2		FUSE F1	5x20 mains fuse, type F3, 15A
3		FUSE F3	Supervisory fuse 5x20 type F4A
4			Electronic control
5		MOT ENC	Brushless motor Angle sensor
6		BAT	Battery power supply
7		FUSE F2	5x20 battery fuse, type F16A
8		LK	Locking device
9		1-S1	Lockout indicator

8.1 GENERAL ELECTRICAL SAFETY WARNINGS

Installation, electrical connections and adjustments must be carried out in accordance with good engineering practice and in compliance with current regulations.

Before connecting the power supply, ensure that the rating plate data corresponds to that of the mains supply. Provide an all-pole circuit breaker/disconnector on the power supply network with a contact opening distance of 3 mm or more. This switch must be protected against unauthorised operation.

Check that there is a suitable residual current device and overcurrent protection upstream of the electrical system. Where required, connect the automation system to an effective earthing system installed in accordance with current safety regulations.

During installation, maintenance and repair work, disconnect the power supply before opening the casing to access the electrical components.

Handling of electronic parts must be carried out whilst wearing conductive anti-static wrist straps connected to earth. MYONE S.r.l. accepts no liability should components be installed that are incompatible with safety and proper operation.

Only original spare parts must be used for any repairs or replacements of the products.

8.2 CONNECTING THE POWER SUPPLY

Use the supplied cable to connect to the mains supply.

The power cable can be connected to an electrical socket (not supplied by us) located near the automation unit's control panel.

If there is no power socket near the automation unit, connect to the mains supply as follows: drill a hole in the top of the aluminium box, protect the power cable passage using cable glands or cable clamps (not supplied by us) to eliminate any sharp edges that could damage the power cable, and connect the cable to the mains supply.

The connection to the mains power supply, in the section outside the operator, must be made via a separate conduit, distinct from the connections to the control and safety devices.

8.3 ELECTRONIC CONTROL TERMINAL BLOCKS

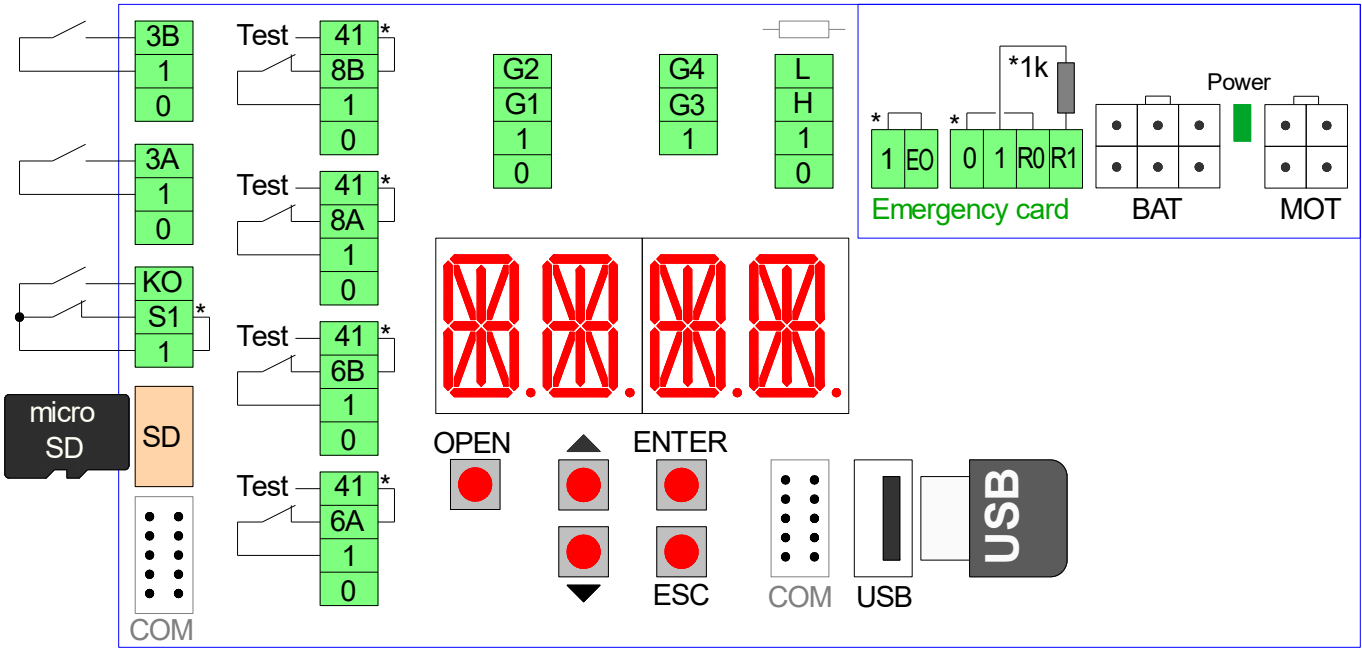
When connecting the safety devices, remove the jumpers from the corresponding terminals.

CAUTION: Terminals with the same number are equivalent.

The electronic control unit is supplied with jumpers in the terminals marked with an asterisk [*]. When connecting the safety devices, remove the jumpers from the corresponding terminals.

Terminals	Description
0 - 1	12 Vdc output for powering external accessories. The maximum current draw of 1 A corresponds to the sum of all terminals 1 (+12V)
1 - 3A	Normally open (NO) contact on side A (inside view from the automation side)
1 - 3B	Normally open (NO) contact on side B (external side, viewed from the automation unit)
1 - KO	Priority normally open (NO) contact, to be connected to devices accessible only to authorised personnel via keys or codes.
1 - 8A	Safety normally closed (NC) contact on the passageway on side A (inside side as viewed from the automation). When the door is closing, opening the contact causes the movement to reverse. N.B. Connect safety devices with a test (see terminal 41), and remove jumper 41 – 8A.
1 - 8B	Safety N.C. contact on the passageway on side B (external side, viewed from the automation unit). When the door is closing, opening the contact causes the movement to reverse. N.B. Connect safety devices with test (see terminal 41), and remove jumper 41 – 8B.
1 - 6A	Safety N.C. contact on opening, side A (left-hand side as viewed from the automation unit). When the door is opening, the opening of the contact causes the door to slow down over the last 500 mm (the safety function of terminal 6 can be modified via the advanced parameters menu). N.B. Connect safety devices with test (see terminal 41), and remove jumper 41 – 6A.
1 - 6B	Safety N.C. contact on opening, side B (right-hand side as seen from the operator). When the door is opening, the opening of the contact causes the door to slow down over the last 500 mm (the safety function of terminal 6 can be modified via the advanced parameters menu). N.B. Connect safety devices with test (see terminal 41), and remove the jumper 41 – 6B.

41	Test output (+12V). Connect safety devices with test function (compliant with standard EN 16005), as indicated in the following chapters. N.B. For devices without a test function, connect the N.C. contact to terminals 41 – 8A, or 41 – 8B, or 41 – 6A, or 41 – 6B.
1 - G1/G2/G3/G4	General-purpose input terminal.
0 - G1/G2	General-purpose output terminal (12 Vdc, 30mA max) Using the ADV > STG1/ STG2/ STG3/ STG4 menu, you can assign a specific function to terminals G1/G2/G3/G4.
1 - S1	Normally closed contact of the limit switch on the locking device.
0 - 1 - H - L	Bus connection to the function selector
USB	Standard USB port. Allows you to save port settings and load firmware updates.
SD	Standard input for micro SD memory cards. Allows you to save port settings and load firmware updates.



Terminals	Description
R1 - R0	Power input for the opening sensor for emergency exits on side A, inside the automation unit (remove the jumper and resistor from the terminals).
1 - EO	Emergency opening N.C. contact. Opening 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 scrolling through the menu and increasing selected values.
↓	Button for scrolling through the menu and decreasing selected values.
ENTER	Button for selecting the menu and saving the selected data.
ESC	Button to exit the menu.

8.4 ELECTRICAL CONNECTIONS FOR THE AQA R FUNCTION SELECTOR

Connect the 0-1-H-L terminals of the function selector, using a cable not supplied by us, to the 0-1-H-L terminals of the electronic control unit.

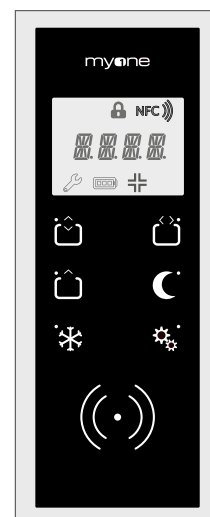
N.B. For lengths exceeding 10 metres, use a cable with 2 twisted pairs.

Once connected, the function selector is operational. If you wish to restrict its use to authorised personnel only, the proximity badges (13.56 MHz ISO 15693 and ISO 14443 Mifare) must be activated via the function selector menu (max. 50 badges).

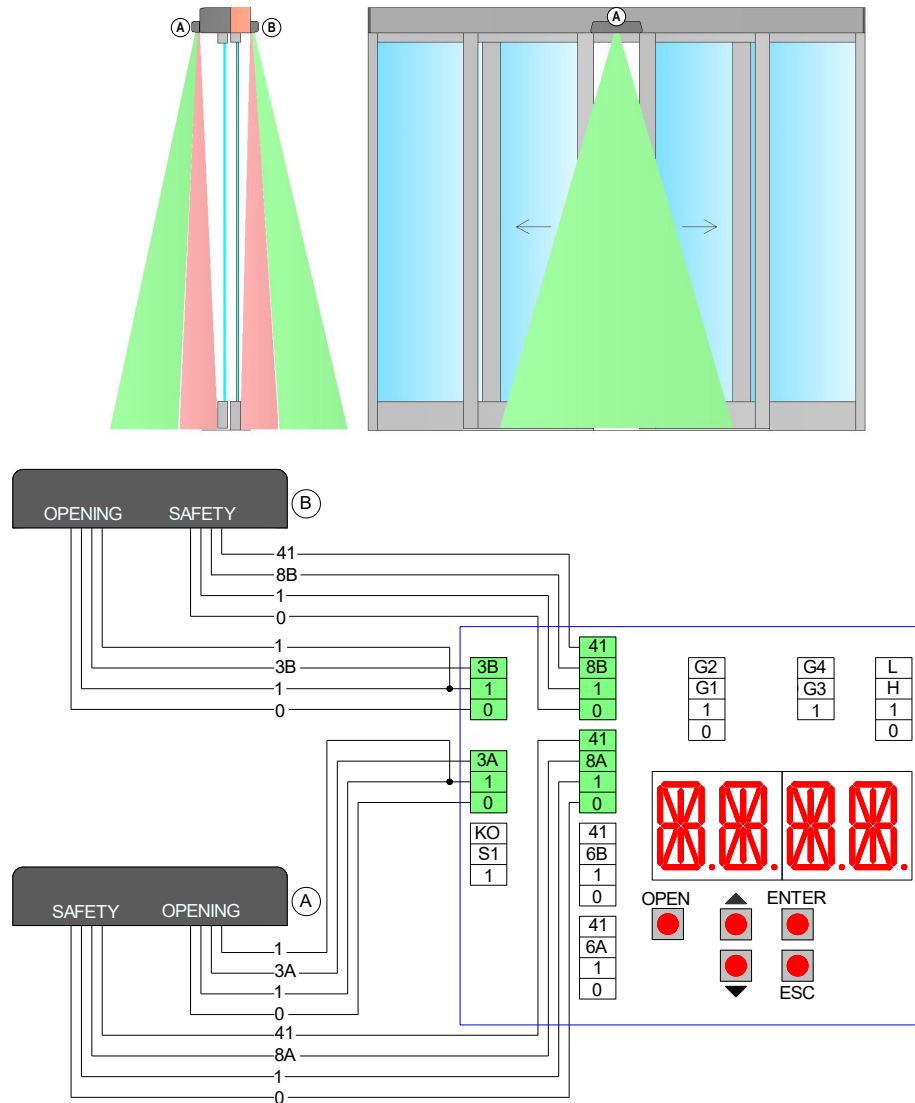
The function selector allows the following settings.

Symbol	Description
	FULL BIDIRECTIONAL OPENING Enables bidirectional operation of the door.
	DOOR OPEN The door opens and remains open.
	FULL OPENING (ONE-WAY) Enables one-way operation from the inside/outside of the door.
	NIGHT-TIME CLOSING The door closes and remains locked (if the lock is fitted), disabling the sensors.
	PARTIAL WINTER OPENING The door opens partially (adjustable from 10% to 90% of the travel).
	Future use.
	NFC SENSOR NFC sensor area.

Symbol	Description
	LOCK Lock function active
	NFC NFC tag reception is enabled.
	MAINTENANCE Indicates that scheduled maintenance is required.
	BATTERY Indicates that the control unit is operating in emergency battery mode.
	PHARMACY Indicates that the PHARMACY function (partial opening) is active.



8.5 ELECTRICAL CONNECTIONS FOR THE SAFETY SENSOR (INTERNAL/EXTERNAL PASSAGE AREA)



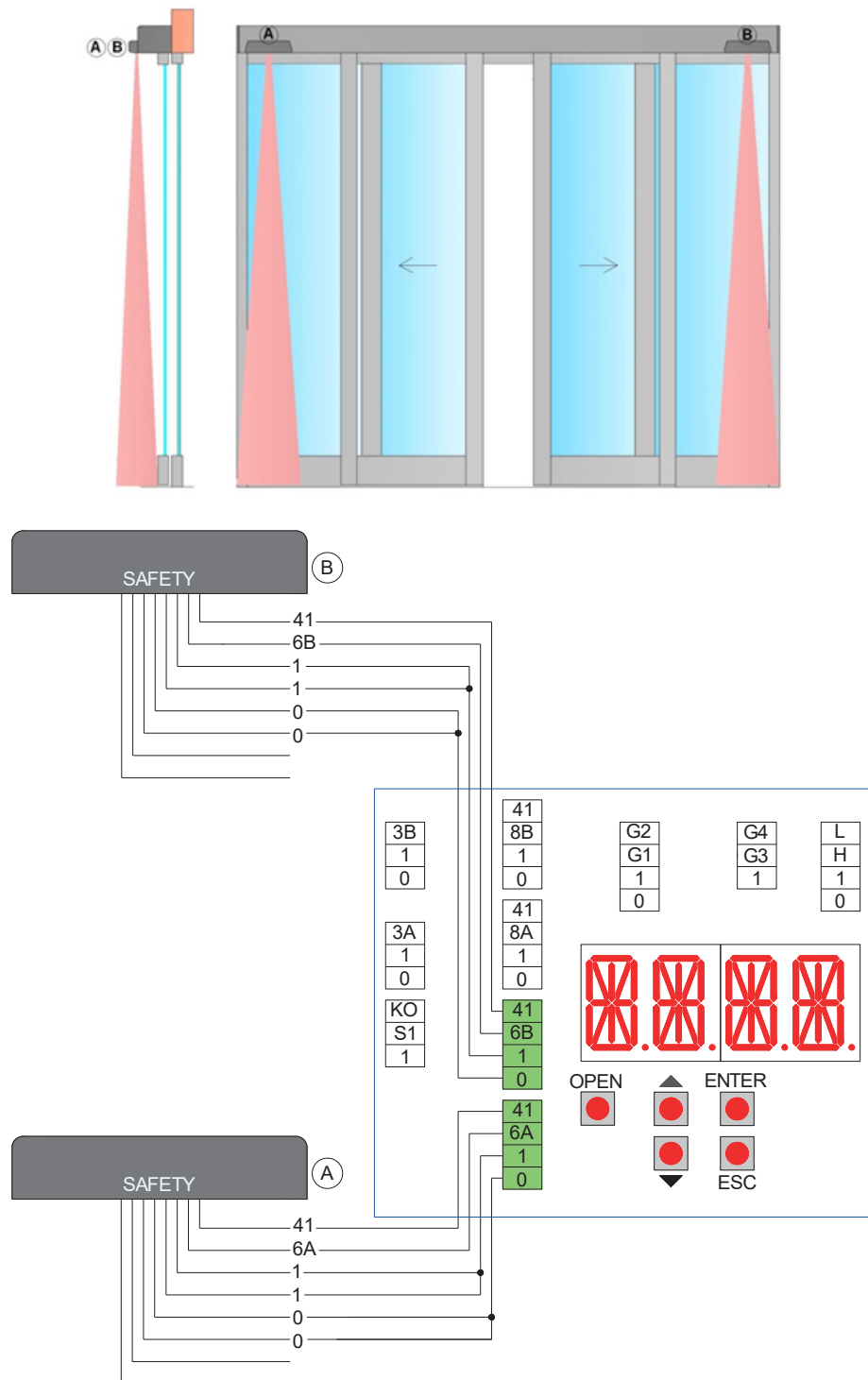
Connect the internal sensor (opening towards the escape route), set to current output, using the supplied cable, to the terminals of the electronic control unit as follows:

	Terminal	31RD0008 (DualSense D)	31RD0004 (IXIO DT3)		Notes
			Old standard	New standard	
OPENING	0	White	Brown	Black	
	1	Brown	Green	Red	
	R0	Purple	White / Black	Yellow / Black	Remove the jumper
	R1	Black	Yellow / Black	Yellow / Red	Remove the resistor
SAFETY	0	Grey	Blue	Blue	
	1	Red	Pink	Pink	
	8A	Blue	Grey	Pink	Remove the jumper
	41	Pink	Red	Blue	

Connect the external sensor using the supplied cable to the terminals on the electronic control unit as follows:

	Terminal	31RD0008 (DualSense D)	31RD0005 (OA-Flex T)	31RD0003 (IXIO DT1) - 31RD0004 (IXIO DT3)		Notes
				Old standard	New standard	
OPENING	0	White	Brown	Brown	Brown	
	1	Brown + Yellow	White / Yellow	Green / Yellow	Red / Yellow	
	3A	Green	Green	White	Yellow	
SAFETY	0	Grey	Black	Blue	Blue	
	1	Red	Pink	Pink	Pink	
	8A	Blue	Blue	Grey	Pink	Remove the jumper
	41	Pink	Red	Red	Blue	

8.6 ELECTRICAL CONNECTIONS FOR THE SAFETY SENSOR



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

	Terminal	31RP0003 (DualSense S)	31RD0005 (OA-Flex T)	31RP0002 (IXIO ST)		Notes
				Old standard	New standard	
SAFETY	0	White / Grey	Brown / Black	Brown / Blue	Black / Blue	
	1	Red / Brown	White / Pink	Green / Pink	Red / Pink	
	6A / 6B	Blue	Blue	Grey	Pink	Remove the jumper
	41	Pink	Red	Red	Blue	

LUCE R automatic sliding door operators are fully reversible, allowing the doors to be moved manually without any extra effort. There are mainly two situations in which it is necessary to move the door manually:

- to clean the door leaves, glass panes and external sliding guides;
- in the event of a power cut, or if the automation system fails.

N.B. In both cases, any bolts and locks on the door leaves must be released.

9.1 MANUAL OPERATION OF THE SLIDING DOOR FOR CLEANING THE DOOR LEAVES



Manual operation of the sliding doors is always possible by selecting the 'door open' mode on the function selector.

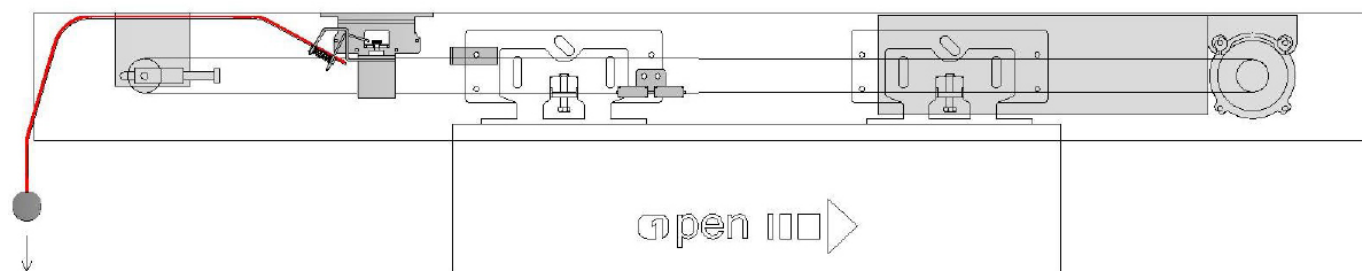
N.B. If there is no function selector, the door can be kept in 'door open' mode using a switch connected to terminals 1-KO on the electronic control unit.

9.2 MANUAL OPERATION OF THE SLIDING DOOR IN THE EVENT OF A POWER FAILURE OR IN THE EVENT OF A FAULT

Manual operation of the sliding doors is always possible even in the event of a power failure or in the event of a fault with the automation system.

If a locking device is fitted, pulling the release cord unlocks the panels, and they remain unlocked until electrical operation is restored.

To disconnect the mains power supply, for example in the event of a fault in the automation system, unplug the power cord from the socket located near the automation system, or operate the omnipolar switch/disconnector provided in the electrical system.



10 Use of the sliding door for emergency exits (without break-out panels)

The LUCE R automation is used in emergency exits and allows the door to open automatically in the event of a fault, a power failure, or a signal from an alarm system.



The door must be fitted with the 31RD0008 or 31RD0004 opening sensor for emergency exits, installed in the direction of escape.

To keep the door closed and deactivate the emergency exit function, the AQA R function selector must be installed.

The function selector must be accessible only to authorised personnel, via the use of a badge.

N.B. The emergency opening test is performed every time the system is switched on, or every 24 hours.

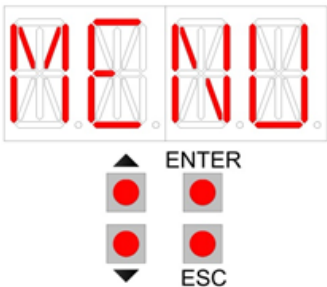


Where required, the door must be fitted with an emergency opening device, installed in an easily identifiable and accessible position in the direction of escape.

The emergency opening device allows the door to be opened immediately, regardless of the position of the function selector.

The electronic control unit is equipped with 4 buttons and 4 alphanumeric displays for setting all necessary adjustments.

When the electronic control is switched on, the display shows the word "MENU". The functions of the 4 buttons are shown in the table.

Buttons	Description	
ENTER	Selection button: each press takes you to the selected parameter. Save button: press and hold for 1 second to save the selected value. The following menus are available: MENU = Main parameters menu ADV = Advanced parameters menu SEL = Function selector menu MEM = Memory management menu INFO = Information and diagnostics menu	
ESC	Exit button: each press exits the selected parameter or the menu.	
↑	Scroll button: each press selects a menu item or increases the value of the selected item.	
↓	Scroll button: each press selects a menu item or decreases the value of the selected item.	

11.1 MAIN SETTINGS MENU

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

Display	Description	Factory settings
DOOR DOOR TYPE	Setting the type of automation. STD = Standard BIG = Future use BIG1 = Future use HSTD = Future use HBIG = Future use	STD
OPEN OPENING DIRECTION	Setting the opening direction. Choose from the following options: ↔ → = double door or single door opening to the right ← = single-leaf door opening to the left EMERGENCY - In the case of single-leaf Emergency automatic doors opening to the left, the carriage must be secured to the strap at the top, as indicated in section 10.1.	↔ →
PART PARTIAL OPENING	Setting the partial opening percentage. Select between the minimum and maximum values: minimum value = 10% maximum value = 90% EMERGENCY - In the case of Emergency automation systems, the partial opening must comply with current legal requirements.	90
VOP OPENING SPEED	Setting the opening speed. Select between the minimum and maximum values: minimum value = 100 mm/s maximum value = 800 mm/s EMERGENCY - For Emergency operators, set the opening speed to ≥ 300 (for double-leaf doors) or ≥ 550 (for single-leaf doors).	500
VCL CLOSING SPEED	Setting the closing speed. Select between the minimum and maximum values: minimum value = 100 mm/s maximum value = 800 mm/s	300
TAC CLOSING TIME	Setting the door open time. Select between the minimum and maximum values: NO = door always open minimum value = 1 s maximum value = 30 s	1
PUSH MOTOR POWER	Force setting. Select between the minimum and maximum values: minimum value = 1 maximum value = 10	10
LEAF DOOR WEIGHT	Setting the door weight and friction levels. Choose from the following options: NO = very light door / no friction MIN = light door / little friction MED = medium door / normal friction MAX = heavy door / high friction HEVY = HEAVY automation for heavy doors	MED

Display	Description	Factory settings
RAMP ACCELERATION	Setting the acceleration time. Select between the minimum and maximum values: SLOW = slow acceleration MED (*) = medium acceleration FAST = fast acceleration	MED
BTMD BATTERY MODE	Setting for battery-powered operation when mains power is unavailable. Choose from the following options: NO = battery not connected EMER = emergency opening (EMERGENCY - Automatic selection for Emergency operators) CONT = continuation of normal door operation, with final opening cycle N.B. The number of operations and the duration of battery operation depend on the battery's efficiency, the weight of the door leaves and any friction present. UNLK = the locking device disengages and the door remains stationary.	NO

11.2 ADVANCED PARAMETERS MENU

Use the ↑ and ↓ buttons to select the ADV menu, then press ENTER to select and adjust the following advanced parameters.

Display	Description	Factory settings
OSSM OPENING SAFETY MOTION	Setting the deceleration zone for the safety sensors during opening (see terminals 6A/6B). Choose from the following options: NO = no deceleration 100 / 200 / 300 / 400 / 500 = the door slows down during the last 100/ 200/ 300/ 400/ 500 mm of the opening YES = the door slows down throughout the entire opening	YES
OSSS OPENING SAFETY STOP	Setting the stopping distance for the safety sensors on opening (see terminals 6A/6B). Choose from the following options: NO = no stop 100 / 200 / 300 / 400 / 500 = the door stops within the last 100/ 200/ 300/ 400/ 500 mm of the opening	NO
TYLK LOCK TYPE	Selection of the type of locking device. Choose from the following options: LK1 = bistable locking device LK2 = magnetic brake LK3 = For future use LK4 = Future use	LK1
ELLK LOCK OPERATION TYPE	Selection of lock operation type. Choose from the following options: AUTO = unlocked in automatic mode and locked in one-way mode with the door closed UNLK = always unlocked in automatic and one-way operation (EMERGENCY - Automatic selection for Emergency operators) LOCK = always locked when the door is closed	AUTO
PUCL PUSH DOOR CLOSED	Setting of the closing force. Choose from the following options: NO = no force MIN = light force MED = medium force MAX = strong push	MIN
PIPP PUSH DOOR OPEN	Setting the thrust on the opening stop. Choose from the following options: NO = no force YES = push activated	NO
HOLD HOLD DOOR OPEN	NO = no force MIN = light force MED = medium force MAX = strong push	NO
PUGO PUSH & GO	Activation of push-to-open function. Choose from the following options: NO = disabled YES = enabled	NO
TAKO KO-CLOSING TIME	Setting the door open time following a 1-KO command. Select between the minimum and maximum values: NO = see setting MENU > TAC minimum value = 1 s maximum value = 30 s	NO
VTAC VARIABLE CLOSING TIME	Variable automatic closing time depending on pedestrian traffic. Choose from the following options: NO = disabled YES = enabled	YES

Display	Description	Factory settings
MOT MOTOR CIRCUIT	Setting for manual door operation (only when powered), via the electrical connection of the motor windings. Choose from the following options: OC = manual opening of the door without friction (motor with open windings) SC = manual opening of the door with friction (motor with short-circuited windings)	OC
T41 SAFETY TEST	Test enable for safety devices (compliant with standard EN 16005). Choose from the following options: NO = test disabled YES = test enabled	YES
EMER EMERGENCY DOOR	For EMERGENCY operators only. If necessary, it is possible to disable operation as an emergency exit. Choose from the following options: NO = emergency exit disabled (NOT COMPLIANT WITH STANDARD EN 16005) YES = emergency exit enabled	YES
PULY MOTOR PULLEY	Future use	15
SYNC DOOR SYNCHRONI- SATION	Two single-leaf operators with synchronised movement. Select from the following options. NO = no synchronisation MST1 = MASTER operator SLV1 = SLAVE drive MST2 = external MASTER automation (see menu: ADV > INK > EXT) SLV2 = external SLAVE automation (see menu: ADV > INK > EXT)	NO
INK INTER- LOCKED DOOR	Interlocked operation between two doors, i.e. one door may only be opened when the other door is closed. Select from the following options. NO = no interlock INT = internal door EXT = external door	NO
ID IDENTIFICA- TION NUMBER	If several operators are networked via the 1-H-L terminals, they must have different identification numbers. Choose from the following options: NO = no network 0 / 1 / 2 / 3	NO
PC CLOSING PUSH	Independent setting of closing force. Choose from the following options: NO = see setting MENU > PUSH (same force for opening and closing) minimum value = 1 maximum value = 10 N.B. If necessary, the closing force (PC) can be set to a value different from the opening force (PUSH)	NO
STG1 STG2 STG3 STG4 Setting of G1, G2, G3, G4 inputs	INPUT COMMANDS BETWEEN TERMINALS 1-G1, 1-G2, 1-G3, 1-G4 NO (STG1 / STG2 / STG3) = No function STOP = Stop command (N.C.). Opening the contact causes the door to stop. Selection not available for Emergency operators. FIRE = Priority closing command (N.C.), for fire alarm. Selection not available for EMERGENCY operators. STEP = Step-by-step command. Closing the contact causes the door to open (automatic closing disabled) and then close in sequence. N.B. Do not use the STEP command with synchronised doors (see menu ADV > SYNC). SAM = Automatic function selector command. Closing and opening the contact changes the function selector mode (see menu settings: SEL > SAM1 and SEL > SAM2). EMER = Emergency opening command (N.C.). Opening the contact causes the door to open. PART = Partial opening command (see menu settings: MENU > PART > 10-90). CAB = Step-by-step command. Closing the contact causes the door to close (disables commands 3A/3B, activates the room occupied signal) and then to open (re-enables commands 3A/3B, deactivates the room occupied signal). (EMERGENCY - not compliant with standard EN 16005) INKE = Command to disable interlocked operation between two doors (see menu: ADV > INK). RSET = Reset command KC (STG4) = Priority close command (N.O.) SUL = Command to unlock the function selector for 10 seconds	NO

Display	Description	Factory settings
STG1 STG2 Setting of G1, G2 inputs	OUTPUT SIGNALS BETWEEN TERMINALS 0-G1, 0-G2 (12Vdc 30 mA) NO = No function BELL = The output is activated for 3 seconds when people enter the shop (via the sequential activation of safety contacts 1-8B and 1-8A). SERV = The output is activated when the door reaches the number of maintenance cycles, set via the menu: INFO > SERV. WARN = The output is activated when at least one alarm remains active for 5 minutes. To clear the alarm signal, perform a reset or disconnect the power supply. CLOS = The output is activated when the door is closed OPEN = The output is activated when the door is open LOCK = The output is activated when the door is closed and locked AIR = The output is activated when the door is not closed LAMP = The output is activated when the door is moving CABS = Room occupied signal (see menu settings: ADV > STG1 > CAB) INK = Red light signal for interlocked doors (see menu: ADV > INK) PWOF = The output is activated in the event of a mains power failure (W128) HAND = The output is activated when the door is opened manually FS = The output is activated when the door is not closed, in the event of a fire alarm 3AS = The output is activated when input 3A is inactive 3BS = The output is activated when input 3B is not active SRES = The output is activated when a reset is performed (W127) EMTS = The output is activated during the emergency opening test performed every 24 hours (EMERGENCY only)	NO

WARNING: terminals G1, G2, G3 and G4 must not have the same function.

11.3 FUNCTION SELECTOR MENU

Use the ↑ and ↓ buttons to select the SEL menu, then press ENTER to select and adjust the following selector parameters.

Display	Description	Factory settings
MODE SELECTOR MODE	Display of the function selector operating mode: NO = no mode present OPEN = door open AUTO = automatic bidirectional operation CLOS = door closed 1D = single-direction automatic operation PA = partial automatic operation 1DPA = single-direction and partial automatic operation	NO
SECL SELECTOR LOCK	Function selector activation mode. Select from the following options. NO = function selector always accessible LOGO = Function selector accessible via badge. TAG = For future use	NO
DLAY DELAY CLOSED DOOR	Setting the delay time for the closed door function. Select between the minimum and maximum values: minimum value = 1 s maximum value = 5 min	1
TMEM TAG MEMORIZE	Badge storage procedure: choose from the following values. NO = no storage SMOD = badge memorisation for selector activation: - press the ENTER button for 1 second; the display shows the message REDY, - hold the badge close to the function selector (in front of the NFC symbol); the display will show the badge code, - wait 20 seconds or press the ESC key. OPEN = priority opening badge storage: proceed as for SMOD. N.B. If the badge is not recognised, the display shows UNKN; if the badge or numeric code is already stored, NOK appears. A maximum of 50 badges and numeric codes can be stored in total.	NO
TMAS TAG MASTER	Future use	NO

Display	Description	Factory settings
TDEL TAG DELETE	Badge deletion procedure, choose from the following options: NO = no deletion YES = badge deletion. - press the ENTER button for 1 second; the display shows the message REDY, - hold the badge close to the function selector (in front of the NFC symbol); the display will show the badge code, - wait 20 seconds or press the ESC key. N.B. if the badge is not recognised, the display shows UNKN.	NO
TERA TAG TOTAL ERASE	Procedure for erasing all stored badges. Choose from the following options: NO = no deletion YES = deletion of all badges	NO
SAM1 AUTOMATIC MODE SELEC-TOR	Initial selection of the function selector when contact 1-G1 (1-G2 / 1-G3 / 1-G4) closes. Activate SAM mode via the menu: ADV > STG1 (STG2 / STG3 / STG4) > SAM. Connect the contact of a timer to terminals 1-G1 (1-G2 / 1-G3 / 1-G4), and choose from the following values: OPEN = door open AUTO = automatic bidirectional operation CLOS = door closed (EMERGENCY - In the case of Emergency automation systems, the door closed selection must only be made via the function selector) 1D = single-direction automatic operation PA = partial automatic operation 1DPA = single-direction and partial automatic operation	CLOS
SAM2 AUTOMATIC MODE SELEC-TOR	Second selection of the function selector, when contact 1-G1 (1-G2 / 1-G3 / 1-G4) opens. Activate SAM mode via the menu: ADV > STG1 (STG2 / STG3 / STG4) > SAM. Connect the contact of a timer to terminals 1-G1 (1-G2 / 1-G3 / 1-G4), and choose from the following values: OPEN = door open AUTO = automatic bidirectional operation CLOS = door closed (EMERGENCY - In the case of Emergency automation systems, the door closed selection must only be made via the function selector) 1D = single-direction automatic operation PA = partial automatic operation 1DPA = single-direction and partial automatic operation	CLOS
FW FIRMWARE UPGRADE	Function selector programming procedure. Insert the USB stick/micro SD card into the electronic control unit. From this menu, select the desired firmware version. Press the ENTER button until the programming procedure begins; this takes approximately 30 seconds, after which the message "SAVE" appears. Once the procedure is complete, remove the USB/micro SD memory stick from the electronic control unit and keep it for future use. N.B. In the event of a programming error or missing firmware (W103), proceed as follows: disconnect the power supply, insert the USB/micro SD memory stick, reconnect the power supply, and repeat the programming procedure from this menu.	----
VER VERSION	Displays the firmware version of the function selector (e.g. = 0200).	----
TIN TAG INPUT	Allows you to import badges used in another automation system, already saved on a USB stick or micro SD card. Choose from the following options: NO = no import YES = imports the badges present on the USB stick/micro SD card	NO
TOUT TAG OUTPUT	Allows you to save the badges stored in the current automation to a USB stick/micro SD card. Choose from the following options: NO = do not save YES = saves the automation badges to the USB/micro SD memory	NO
STCL CLOSED DOOR SIGNAL	Setting for the closed and locked door signal, in the presence of a bistable lock and microswitch. Choose from the following options: NO = the "door closed" symbol remains lit even if the door is opened manually. YES = the "door closed" symbol lights up only when the door is actually closed and locked. N.B. if the lock does not close the door, the "door closed" symbol flashes.	NO

11.4 MEMORY MANAGEMENT MENU

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

Display	Description	Factory settings
FSET FACTORY SETTINGS	Reset all settings to factory defaults. Choose from the following options: NO = do not reset. YES = restore factory settings.	NO
FW FIRMWARE UPGRADE	Electronic control programming procedure. Insert the USB stick/micro SD card into the electronic control unit. From this menu, select the desired firmware version. Press the ENTER button until the programming procedure begins; this takes approximately 30 seconds (or approximately 2 minutes for EMERGENCY systems). Once complete, the message "SAVE" will appear. Once the procedure is complete, remove the USB/micro SD memory stick from the electronic control unit and keep it for future use. N.B. In the event of a programming error or missing firmware (W100, W104), proceed as follows: disconnect the power supply, insert the USB/micro SD memory, reconnect the power supply; the programming procedure will start automatically, or select the firmware from this menu.	----
SIN SETTING INPUT	Allows you to import the menu settings used in another automation, already saved on a USB stick/micro SDcard. Choose from the following options: NO = no import YES = imports the settings from the USB/micro SD memory	NO
SOUT SETTING OUTPUT	Allows you to save the menu settings of the current automation to a USB stick or micro SD card. Choose from the following options: NO = do not save YES = saves the automation settings to the USB/micro SD memory	NO

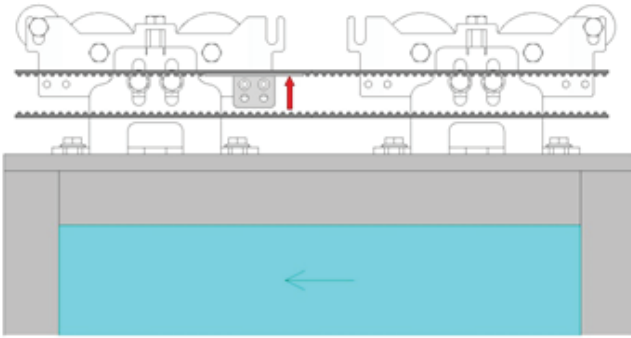
11.5 INFORMATION AND DIAGNOSTICS MENU

Use the ↑ and ↓ buttons to select the INFO menu, then press ENTER to select and adjust the following information and diagnostic parameters.

Display	Description	Factory settings
SHOW DISPLAY INFO	Display of operating information and faults. Choose from the following options: CONT = the display shows active terminal block contacts and alarms. WARN = the display shows only the alarms.	COUNT
VER VERSION	Displays the firmware version of the electronic control unit (e.g. = 0200).	----
CYCL CYCLES	Displays the number of cycles performed by the door (1 = 1,000 cycles, 9,000 = 9,000,000 cycles).	0000
SERV SERVICE SIGNAL	Activation of the routine maintenance signal for the door. NO = no signal 1 = 1,000 cycles / 9,000 = 9,000,000 cycles	0000
LOG INFO OUTPUT	Allows the following information to be saved to a USB stick/micro SD card (sliding_log.txt): the last 20 alarms, menu settings, and electronic devices connected to the automation system. Choose from the following options: NO = do not save YES = saves the automation information to the USB/micro SD memory	NO
WARN WARNING LIST	Display of the last 10 alarms (alarm number 0 is the most recent): 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 the encoder connection
W002	Motor short circuit	Check the motor connection
W003	Motor circuit error	Electronic control malfunction
W010	Reversed movement	Check for obstacles
W011	Stroke too long	Check the belt connection
W012	Stroke too short	Check for obstacles
W013	Over-travel	Check for mechanical limit switches
W030	Emergency card not detected	Electronic control malfunction
W031	Communication interrupted	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 connection between lock and microswitch
W036	Lock operation error	Check connection between lock and microswitch
W037	Opening manoeuvre failure	Check for obstacles
W038	Emergency opening test failure	Check motor-electronic control connection
W039	Contact 1-KC closed for more than 10 seconds	Check the connection to the KC terminal
W100	Programming error (CB01)	Repeat the MEM>FW programming procedure
W103	Programming error (FSD1)	Repeat the programming procedure SEL>FW
W104	Programming error (CB02)	Repeat the MEM>FW programming procedure
W127	Reset the automation	The automation system performs a self-diagnosis
W128	No mains power	Check for mains power
W129	No battery	Check the battery connection
W130	Battery flat	Replace or recharge the battery
W140	6A safety test failure	Check the safety sensor connection
W141	Safety test failure 6B	Check the safety sensor connection
W142	Safety test failure 8A	Check the safety sensor connection
W143	Safety test failure 8B	Check the safety sensor connection
W145	Motor overtemperature (first threshold)	The door reduces speed
W146	Motor overtemperature (second threshold)	The door stops
W148	Overcurrent in the locking device	Check the ADV>TYLK menu and the lock connection
W150	Obstruction during opening	Check for obstacles
W151	Obstruction during closing	Check for obstacles
W152	Door locked in opening position	Check for any blocks or locks
W153	Door jammed during closing	Check for any blocks or locks
W160	Synchronisation error	Check the ADV > SYNC and ADV > INK menus
W256	Power-up	-
W257	Firmware update	-
W320	Maintenance alert	Check the INFO > SERV menu
W330	Synchronisation between motor and electronic control	Wait approx. 3–30 seconds
Wxxx	Internal error	If it does not reset automatically, restart the system



12.1 Preliminary checks

Once installation is complete, manually move the doors and check that they move smoothly and without friction.

Check that the structure is secure and that all screws are properly tightened.

Check that all electrical connections are correct.

N.B. In the case of a single-leaf emergency exit door opening to the left, the roller must be secured to the strap at the top, as shown in the figure.

12.2 Before connecting any safety devices, leave the jumpers on the safety terminals of the electronic control unit 41-8A, 41-8B, 41-6A, 41-6B

N.B. The first opening and closing operation must be performed at low speed to allow the automatic learning of the stop positions.

12.3 To ensure that the electronic control unit has its factory settings, reset the values via the menu:

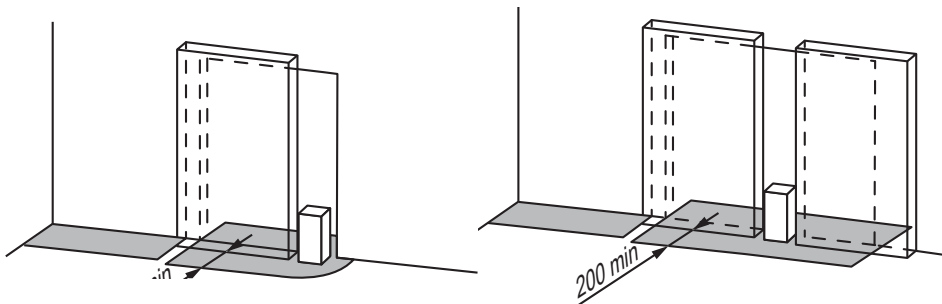
MEM > FSET > YES (confirm by pressing ENTER for 1 second).

12.4 Carry out the menu adjustments as indicated in Chapter 9. Use the OPEN button to issue opening commands and check that the door is operating correctly.

N.B. The operator automatically detects any obstacles during the closing manoeuvre (reversal of movement) and the opening manoeuvre (stopping of movement).

12.5 Connect the control and safety devices one at a time to protect the door's closing operation, as described in section 8.5, and check that they are working correctly.

N.B. Check that the passageway is correctly protected by safety sensors, in accordance with the requirements of European standard EN16005

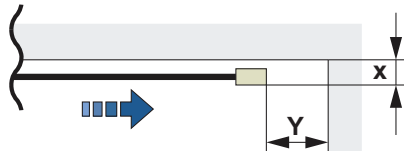


(Annex C).

12.6 Connect the safety devices one at a time to protect the door opening operation, as indicated in section 8.6, and check that they are working correctly.

N.B. If the distances between the door and the fixed parts comply with the requirements of European standard EN16005 (section 4.6.2.1.a), safety sensors for opening are not required ($X \leq 100$ and $Y \geq 200$).

12.7 Connect the function selector as described in section 9.4.



12.8 Once commissioning is complete, provide the operator of the automatic door with the user instructions, including all warnings and information necessary to maintain the safety and functionality of the automatic door.

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

In addition to the following list of possible problems, the warnings provided by the display are available, as indicated in section 9.5.

Problem	Possible cause	Action
The system does not open or close.	No mains power (display off).	Check that there is mains power.
	Mains fuse blown (display off)	Replace the mains fuse
	External accessories are short-circuited.	Disconnect all accessories from terminals 0-1 and reconnect them one at a time (check for 24V voltage).
	The door is blocked by bolts or locks.	Check that the door leaves move freely.
The operator is not performing the set functions.	Function selector set incorrectly.	Check and correct the function selector settings.
	Control or safety devices are always activated.	Disconnect the devices from the terminal blocks and check the door's operation.
The movement of the leaves is not linear or they reverse direction for no reason.	The operator has not correctly programmed the stop positions.	Perform a reset by switching the automation system off and on again
The automation opens but does not close.	The safety device test reveals faults.	Jump the contacts 41-8A, 41-8B, 41-6A, 41-6B one at a time
	The opening devices are activated.	Check that the opening sensors are not subject to vibrations, are not producing false readings, or that there are no moving objects within their field of operation.
	Automatic closing does not work.	Check the function selector settings.
The safety devices do not activate.	Incorrect connections between the safety devices and the electronic control unit.	Check that the safety contacts of the devices are correctly connected to the terminal blocks and that the relevant jumpers have been removed.
The automation opens on its own.	The opening and safety devices are unstable or are detecting moving objects.	Check that the opening sensors are not subject to vibrations, are not making false detections, or that there are no moving objects within their field of operation.
	The EMERGENCY system is performing the emergency opening test.	Wait for the test to complete.
	The EMERGENCY system has detected a fault	Check for mains power. Check the battery connection and its efficiency. Check that contact 1-EO is closed. Check that the function selector is in protected mode (the padlock symbol must be lit). If present, check the position of the locking device and connection 1-S1.
The locking device does not lock or unlock the doors.	Incorrect connection of the locking device to the electronic control unit.	Check that the locking device cable colours are correctly connected.
	The locking engagement brackets, fixed to the carriages, do not disengage from the locking device.	Check the adjustment of the locking bracket position.
	Pulling the release cord does not unlock the doors.	Check that the release cord is correctly secured to the locking device.

To ensure the correct operation and safe use of the automatic door, as required by European standard EN16005, the owner must have routine maintenance carried out by professionally qualified personnel.

With the exception of routine cleaning of the door and any floor-mounted sliding guides, which is the responsibility of the owner, all maintenance and repair work must be carried out by professionally qualified personnel.

The following table lists the routine maintenance tasks and the frequency of servicing for an automatic sliding door operating under standard conditions. In the event of more demanding operating conditions, or in the case of sporadic use of the automatic sliding door, the frequency of maintenance interventions may be adjusted accordingly.

Task	Frequency
Disconnect the power supply, open the automation system and carry out the following checks and adjustments. - Check that all screws on the components inside the operator are securely fastened. - Check that the carriages and the sliding guide are clean. - Check that the belt is at the correct tension. - Check the condition of the belt and the carriage wheels (replace them if necessary). - Check that the doors are securely fastened to the carriages. - If fitted, check that the lock is correctly engaged and that the release cord is working properly.	Every 6 months or every 500,000 operations.
Connect to the mains supply and carry out the following checks and adjustments. - Check that the control and safety devices are working correctly. - Check that the detection area of the safety sensors complies with the requirements of European standard EN16005. - If fitted, check that the locking device is working correctly. - Check that the battery power supply is working correctly (replace the battery if necessary).	Every 6 months or every 500,000 operations. N.B. The safety functions of the automation system and safety devices must be checked at least once a year.

All maintenance, replacement, repair, upgrade, etc. work must be recorded in the maintenance log, as required by European standard EN16005, and handed over to the owner of the automatic sliding door.

Original spare parts must be used for any repairs or replacements of the products.

14.1 DISPOSAL OF PRODUCTS

INFORMATION FOR USERS



"Implementation of Directive 2012/19/EU on waste electrical and electronic equipment (WEEE)"

The crossed bar symbol on the equipment indicates the product at the end of its useful life must be collected separately from other waste. The user should therefore hand over the equipment with its components at the end of its useful life to suitable electronic and electro-technical differentiated waste collection centres, or send it back to the dealer on purchasing new, equivalent equipment, exchanging one for another, or 1 to zero for equipment with its longest side less than 25 cm. Adequate differentiated waste for subsequent sending of the decommissioned equipment for recycling, treatment or disposal which is environmentally friendly contributes to avoiding possible negative effects on the environment and health and encourages recycling of materials composing the equipment.

MAINTENANCE REGISTER

FOR AUTOMATIC PEDESTRIAN DOORS IN ACCORDANCE WITH THE MACHINERY DIRECTIVE 2006/42/EC AND EUROPEAN STANDARD EN 16005

This maintenance log contains technical references and records of installation, maintenance, repair and modification activities, and must be made available for inspection by authorised bodies.

TECHNICAL DATA OF THE AUTOMATIC DOOR AND THE INSTALLATION

Manufacturer / Installer:	_____	Name, address, contact person
Customer / Owner:	_____	Name, address, contact person
Order number:	_____	Order number and date
Model and description:	_____	Door type
Dimensions and weight:	_____	Dimensions of the opening, dimensions and weight of the door leaves
Serial number:	_____	Unique door identification number
Location:	_____	Installation address

LIST OF INSTALLED COMPONENTS

The technical specifications and performance of the components listed below are documented in the relevant installation manuals and/or on the label affixed to the component itself.

Automation:	_____	Model, type, serial number
Motor:	_____	Model, type, serial number
Electronic control:	_____	Model, type, serial number
Safety devices:	_____	Model, type, serial number
Control devices:	_____	Model, type, serial number
Miscellaneous devices:	_____	Model, type, serial number
Other:	_____	Model, type, serial number

TEST REPORT				
Tick the box corresponding to the action taken: C = Compliant, NC = Non-compliant, NA = Not applicable.				
Stage	Description	C	NC	NA
1	Inspection of the existing structure and the fixing of the automation system			
2	Check that the doors are correctly secured to the automation carriages and adjust			
3	Check that the carriages cannot come off the slide rail			
4	Checking the belt tension			
5	Checking the mechanical limit switches and the tightness of all screws			
6	Check of the floor guide			
7	Check that the clearance complies with the contract specifications			
8	Check the distance between the door leaf and the floor			
9	Checking the safety clearances during opening			
10	Manually checked that the doors slide freely without friction			
11	Check of electrical connections for installed devices			
12	Checking the detection area of the opening and safety sensors			
13	Checking additional opening controls (buttons, key switches, etc.)			
14	Checking the function selector			
15	Checked battery operation			
16	Checking the function of the locking device and manual release			
17	Checking the opening and closing speed			
18	Declaration of Conformity handed over to the owner			
19	User and maintenance manual handed over to the owner			
20	Maintenance log handed over to the owner			
Date _____		Technician's signature _____		Owner's signature _____

DESCRIPTION OF WORK		
Tick the box corresponding to the work carried out. Describe any residual risks and/or foreseeable misuse.		
☐ Installation		
☐ Commissioning		
☐ Adjustment		
☐ Maintenance		
☐ Repair		
☐ Modification		
Date _____	Technician's signature _____	Owner's signature _____

DESCRIPTION OF WORK		
Tick the box corresponding to the work carried out. Describe any residual risks and/or foreseeable misuse.		
☐ Installation		
☐ Commissioning		
☐ Adjustment		
☐ Maintenance		
☐ Repair		
☐ Modification		
Date _____	Technician's signature _____	Owner's signature _____

DESCRIPTION OF WORK		
Tick the box corresponding to the work carried out. Describe any residual risks and/or foreseeable misuse.		
☐ Installation		
☐ Commissioning		
☐ Adjustment		
☐ Maintenance		
☐ Repair		
☐ Modification		
Date _____	Technician's signature _____	Owner's signature _____

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☐ Repair		
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Date _____	Technician's signature _____	Owner's signature _____

DECLARATION OF INCORPORATION

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

**MyOne S.r.l.**

Via Abbate Tommaso, 52 - 30020 Quarto d'Altino (VE) - Italien

Hereby declares that:

The automation product for pedestrian sliding doors type:

LUCE R

Has been built to be incorporated into a machine or to be assembled with other machinery or components to constitute 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)*, before putting the machine into service.

It complies with the applicable essential safety requirements set out in *Chapter 1 of Annex I to Directive 2006/42/EC*.

It complies with the Electromagnetic Compatibility Directive 2014/30/EU.

It complies with the following harmonised 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, 5.1, 5.2, 5.3, 5.4, 5.5.3, 5.6, 5.8.1, 5.8.2, 5.8.3, 5.8.4, 5.10)

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

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

The technical documentation is managed by:

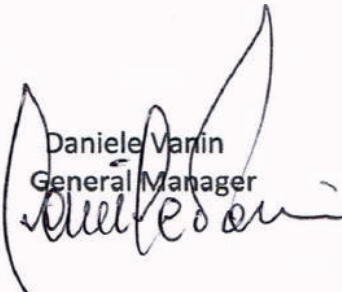
Daniele Vanin

with registered office in Via Abbate Tommaso, 52 - 30020 Quarto d'Altino (VE) - ITALY

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

Place and date:

Quarto d'Altino, 2022-05-15


Daniele Vanin
General Manager

[illegible]

[illegible]

[illegible]

