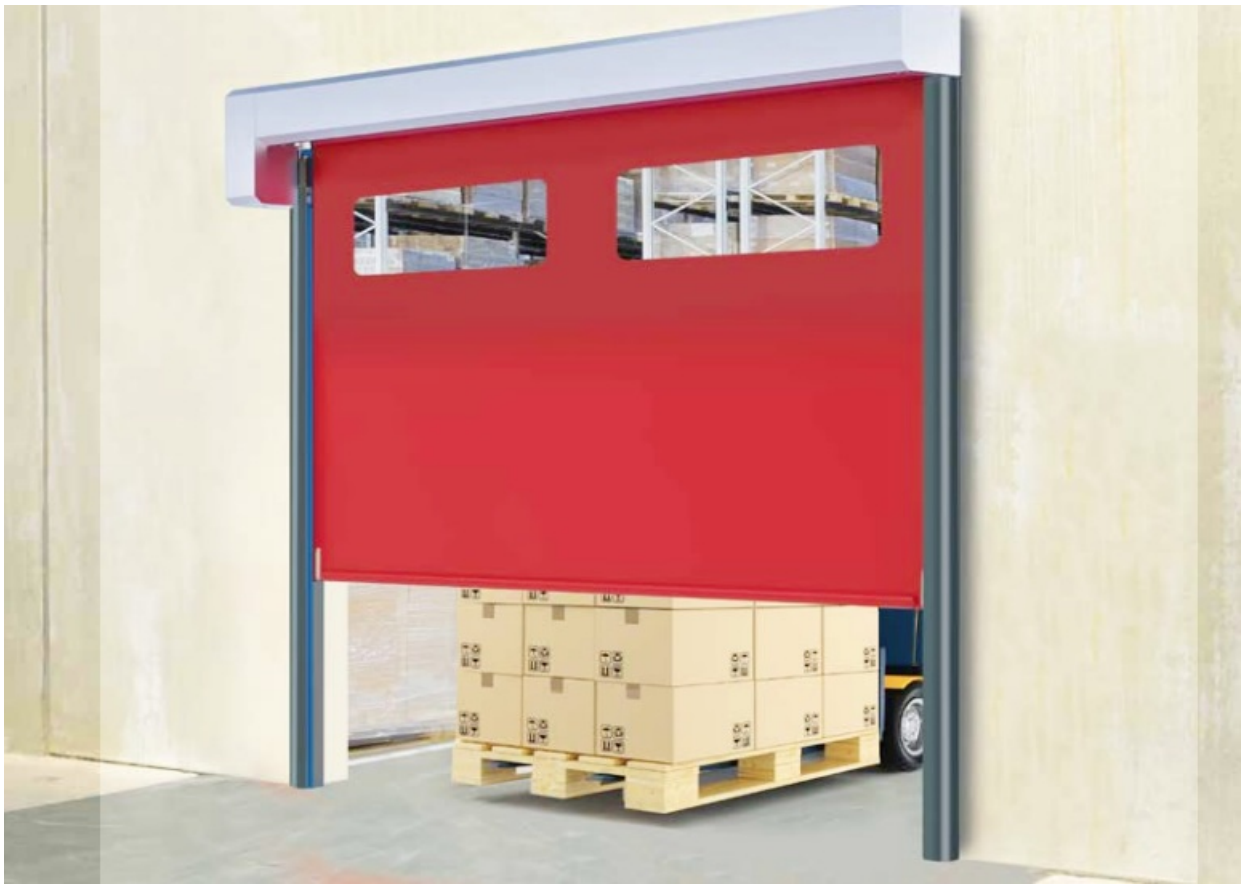
Ditec 0DT869 Soft Reset Instruction Manual

Contents

Ditec 0DT869 Soft Reset



Product Information

The Ditec Soft Reset is a motorized door system that requires the technical installation and electrical connections. It has a reduction motor K22 and a safety device SLE (linear encoder). The system also includes safety photocells. The electronic control panel allows for programming and advanced settings.

Product Usage Instructions

Before using the Ditec Soft Reset, please read the installation and safety instructions provided in the user manual carefully.

1. Ensure that the installation of the Ditec Soft Reset is carried out by a qualified technician.
2. Make sure that the doorgangsruimte (passage space) has been checked and is compatible with the system.
3. Check that the motor and safety device are installed correctly, and the door is securely attached.
4. Connect the electrical components according to the instructions provided in the manual.
5. Program and adjust settings on the electronic control panel as required.
6. Test the system to ensure that it is functioning correctly before using it.
7. Regular maintenance of the system is necessary to ensure its long-term functionality. Refer to the maintenance instructions provided in the user manual for guidance.

Following these instructions will help ensure safe and efficient usage of the Ditec Soft Reset door system.

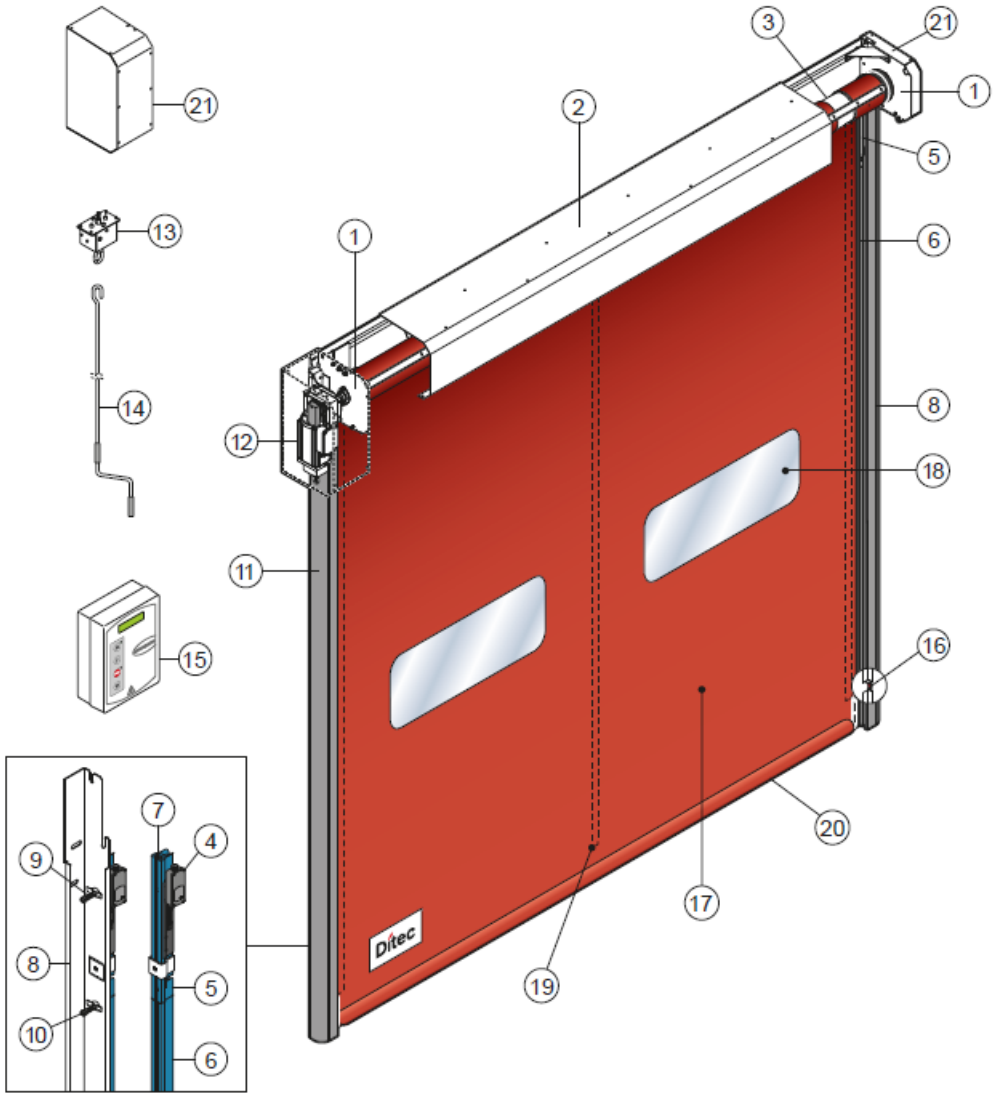
GENERAL SAFETY PRECAUTIONS

- This installation manual is intended for professionally competent personnel only.
- The installation, the electrical connections and the settings must be completed in conformity with good

workmanship and with the laws in force.

- Read the instructions carefully before beginning to install the product. Incorrect installation may be a source of danger. Packaging materials (plastics, polystyrene, etc) must not be allowed to litter the environment and must be kept out of the reach of children for whom they may be a source of danger. Before beginning the installation check that the product is in perfect condition.
- Do not install the product in explosive areas and atmospheres: the presence of flammable gas or fumes represents a serious threat to safety.
- Before installing the door, make all the structural modifications necessary in order to create safety clearance and to guard or isolate all the compression, shearing, trapping and general danger areas.
- Check that the existing structure has the necessary strength and stability.
- The safety devices must protect against compression, shearing, trapping and general danger areas of the motorized door.
- Display the signs required by law to identify danger areas. Each installation must bear a visible indication of the data identifying the motorised door.
- Before connecting to the mains check that the rating is correct for the destination power requirements.
- A multipolar isolation switch with minimum contact gaps of 3 mm must be included in the main supply.
- Check that upstream of the electrical installation there is an adequate differential switch and a suitable circuit breaker. Ensure that the motorized door has an earth terminal in accordance with the safety adjustments in force.
- The manufacturer of the door declines all responsibility in cases where components which are incompatible with the safe and correct operation of the product only original spare parts must be used or whenever modifications of any nature are made that have not been specifically authorized by the manufacturer.
- For repairs or replacements of products, only Ditec original spare parts must be used.
- The fitter must supply all information concerning the automatic, manual and emergency operation of the motorised door or gate, and must provide the user the device with the operating instructions.

Description



1. Lateral plate of the transom
2. Transom
3. Rolling shaft
4. Linear Encoder (SLE)
5. Polyzene guide upper section
6. Polyzene guide lower section
7. Fixing plate of the guide
8. Angular vertical post
9. Supporting spring
10. Fixing screw
11. Column cover
12. Geared motor K22
13. Manual driving device
14. Manual driving rod
15. Electronic board
16. Photocell 5FB
17. Polyester curtain

18. PVC transparent window
19. Vertical re-reinforcing strips
20. Bottom edge with sand ballast
21. Carter and opposite side plate cover

TECHNICAL CHARACTERISTICS

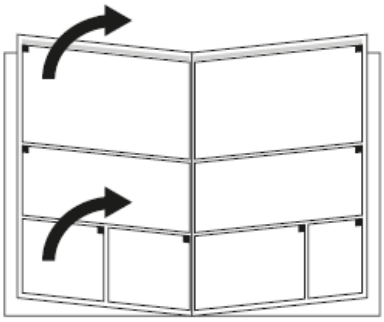
CONTROL PANEL INVERTER (52E)

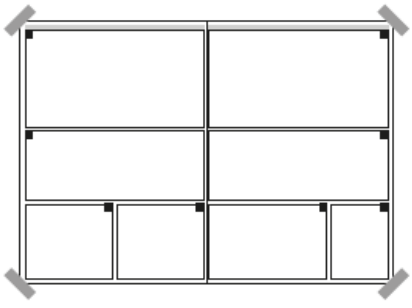
- **Power supply voltage** …….. 230 V monofase 50/60 Hz
- **Line sizing** …… A
- **Auxiliary control power voltage**…… 24V
- **Motor rating**…… KW
- **Control board protection class**…… IP 55
- **Operating temperature**…… – 5 + 50 °C

Correctly size the line conductor cross-section by referring to the indicated absorption and taking the length and installation of the cables into account.

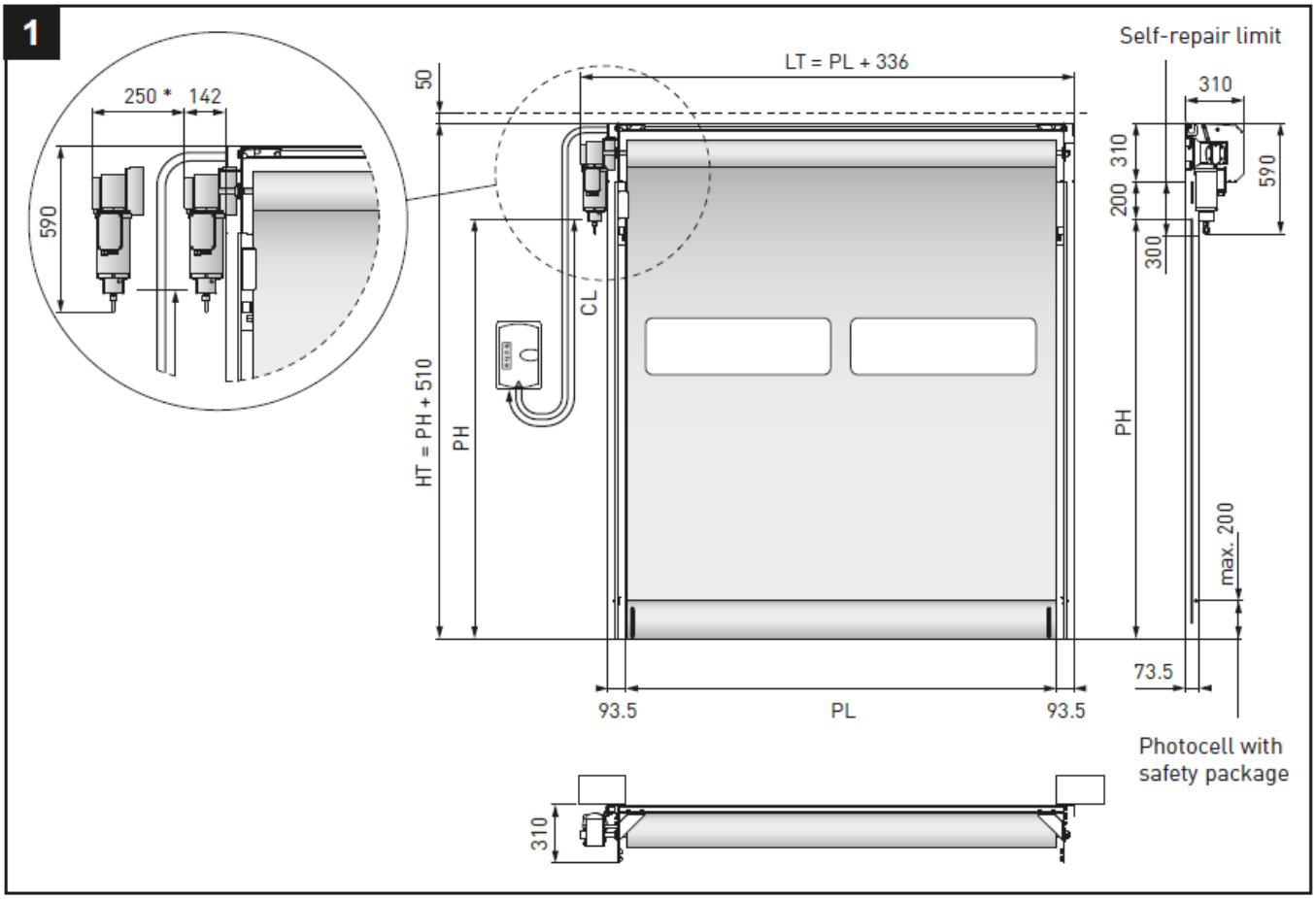
MECHANICAL INSTALLATION

See the relevant drawings of the mechanical installation at page. 23 – 24 -25 – 26 (central sheet to be removed).



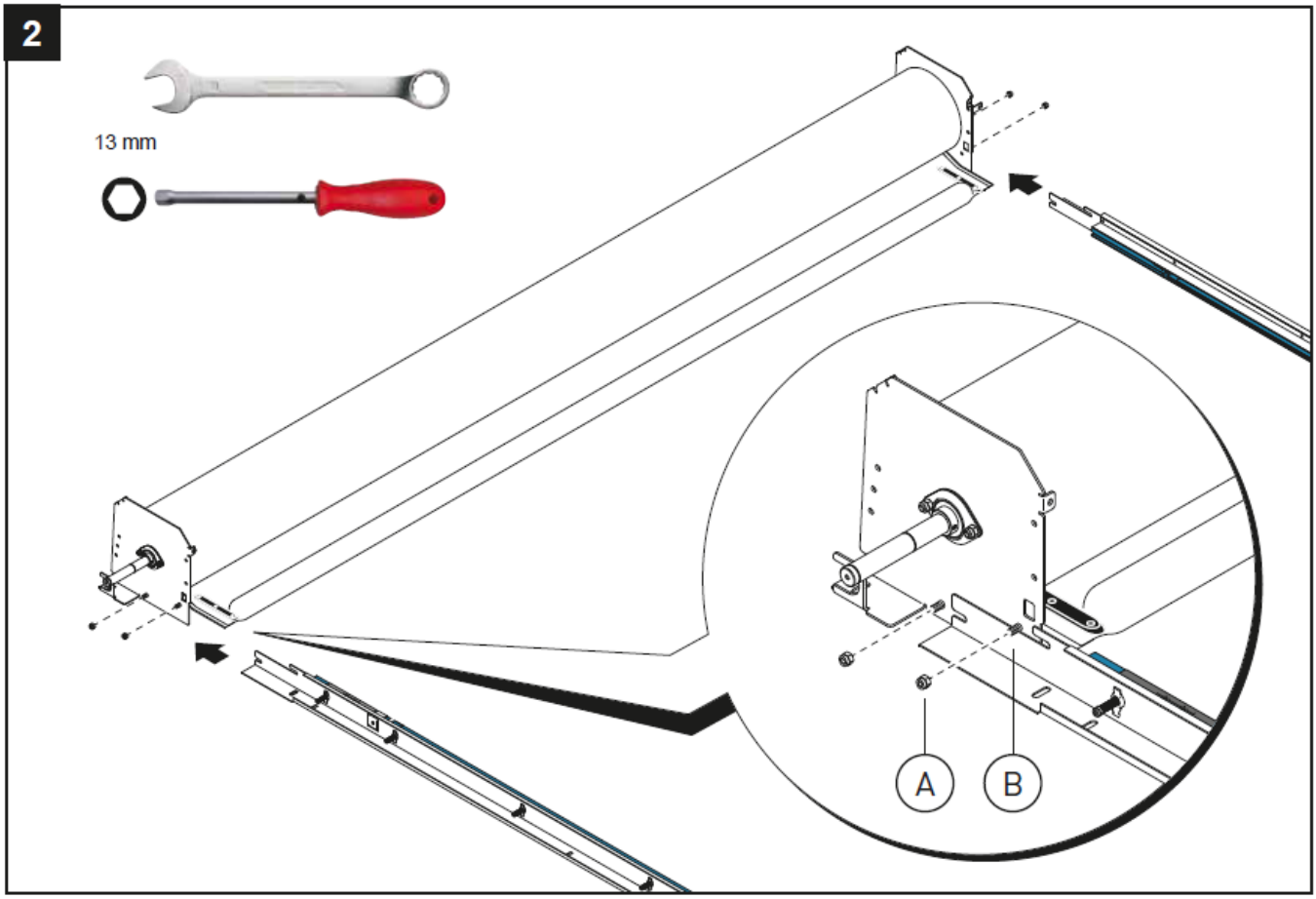


Check of the opening (fig.1).



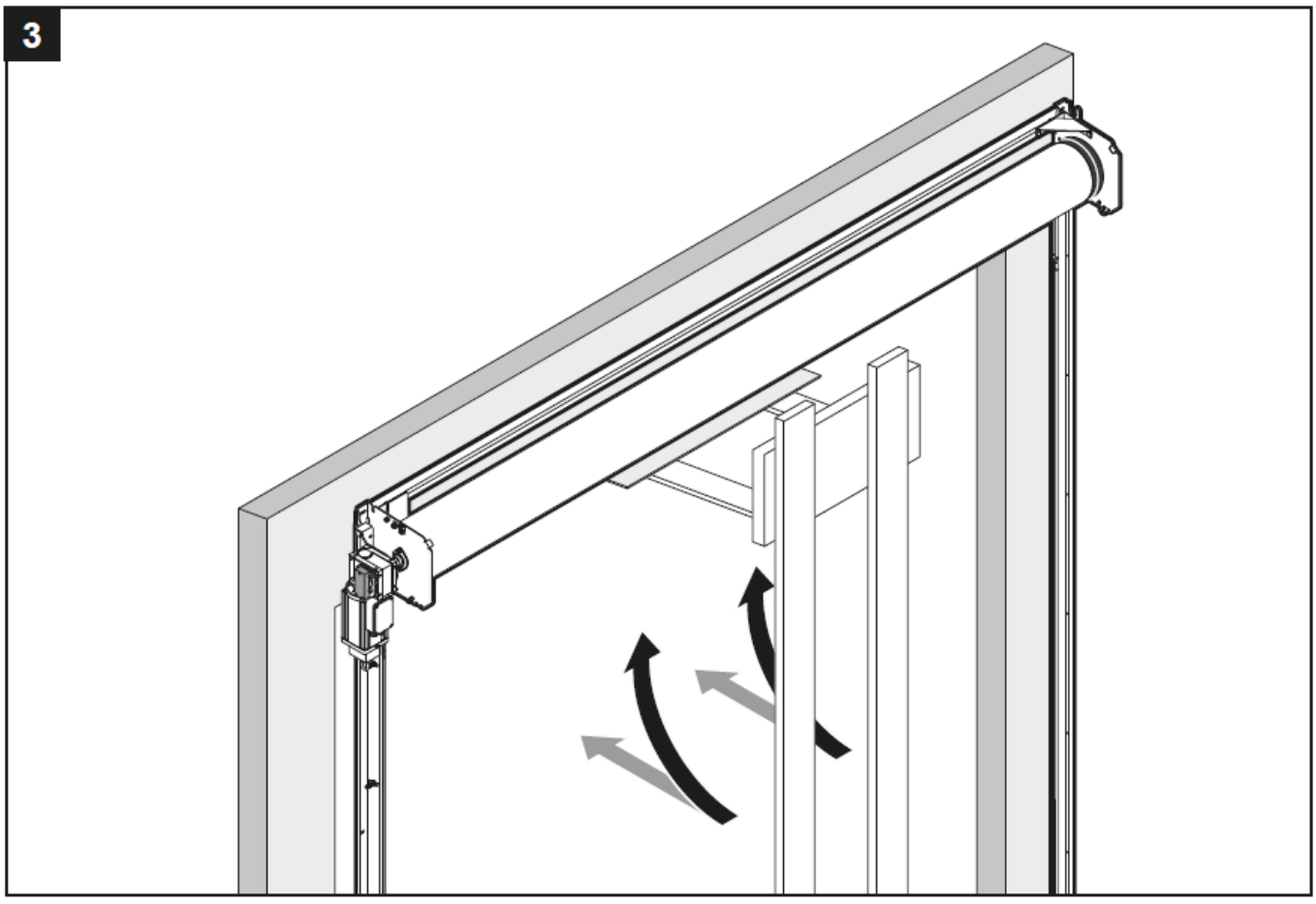
- Check the dimensions of the opening and their correspondence to the overall dimensions of the door supplied, taking into consideration any necessary tolerances in the case of installation in an archway.
- Check that no existing structures obstruct the assembly of the door.
- Ensure the resting surfaces are level and, if necessary, adapt them using appropriate shims.
- Check the solidity of the opening: secure anchorage must be ensured by means of brackets or anchor plugs. In the case of insufficient or dubious solidity, it is necessary to create an adequate self-supporting metal structure.

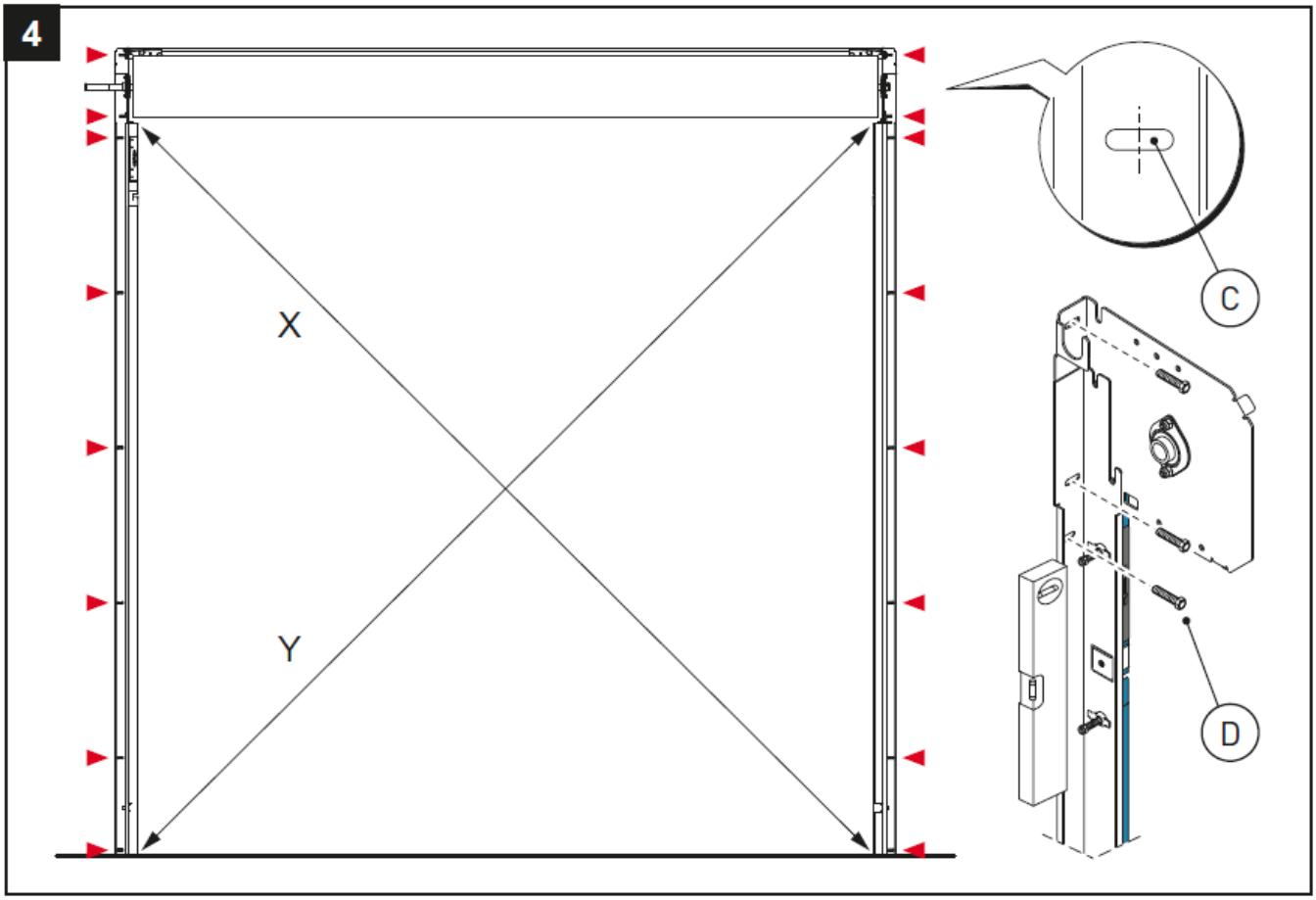
Assembly on the floor (fig.2)



Place crosspiece and columns on the floor, fix columns to the crosspiece with M8 self-locking nuts (A) through the threaded inserts (B) present on the side plate.

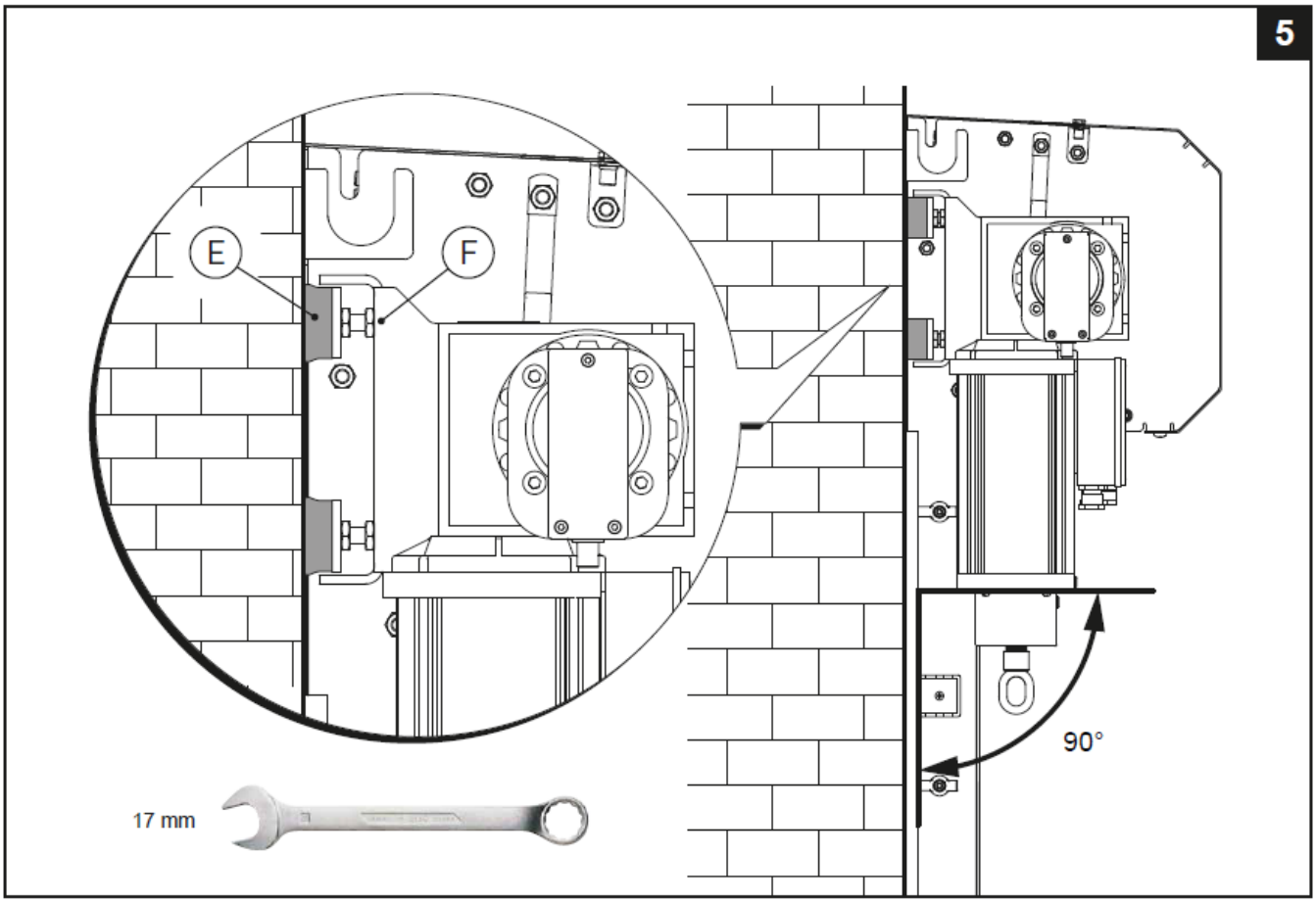
Door fixing (fig.4)



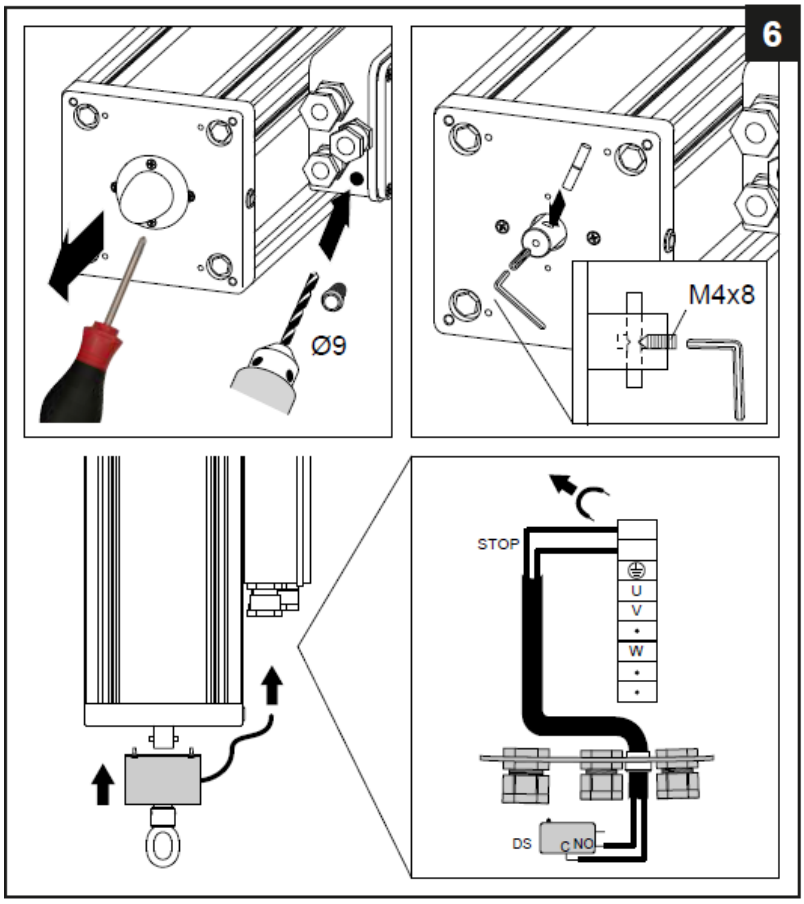


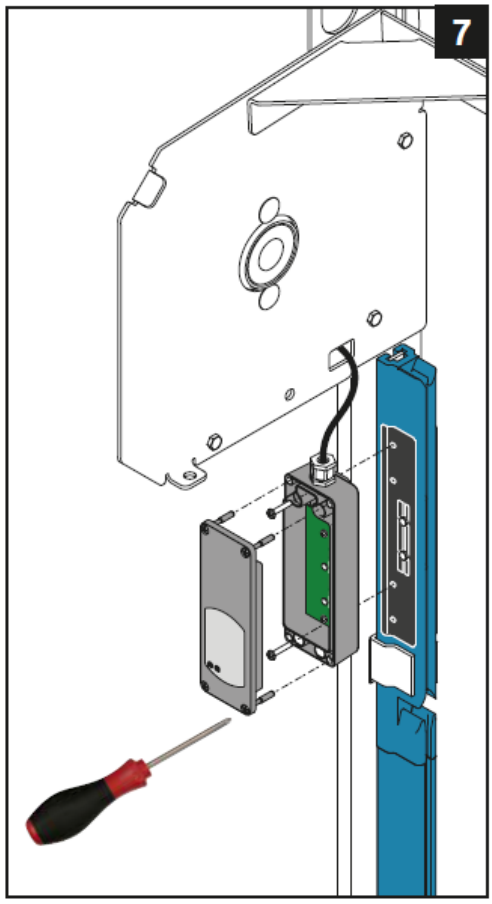
- Lift the door and place it on the opening (fig.3).
- Check the verticality of the columns and fix them in the indicated points (C). Anchor plug dimension M8 (D).
- Drill in the center of the slotted holes (C).
- Check the perpendicularity of the assembly by measuring the diagonals

Gear motor K22 (fig.5)



- Adjust the silent blocks (E) to get the motor in a vertical position (the silent blocks must result slightly compressed on the rear wall).
- After adjustment, lock the silent blocks with the nut (F).
- For manual operation (if foreseen), insert the device following the indications (fig.6).





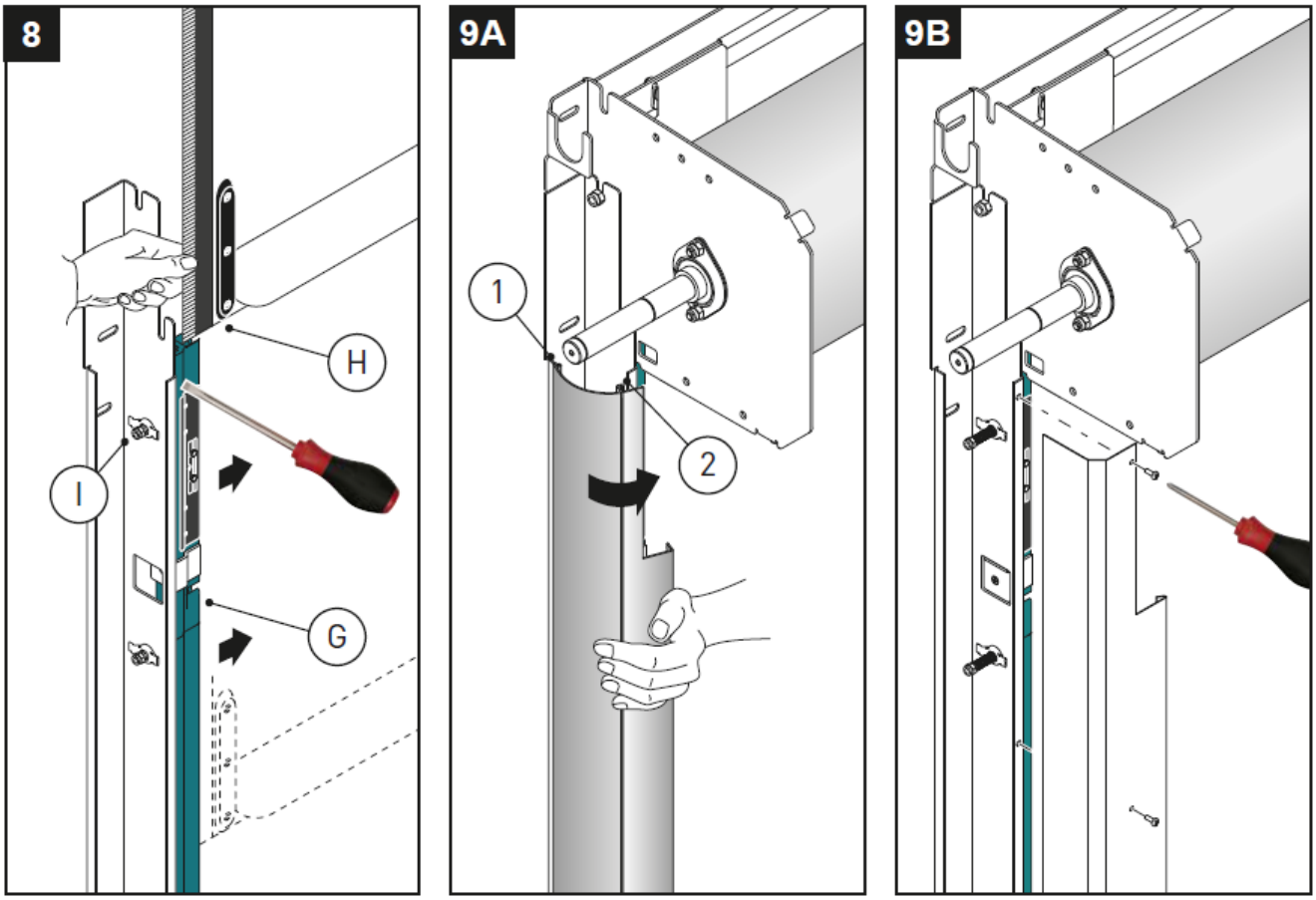
- Connect the micro-contact by observing the relevant diagram and check it functions correctly: the micro-contact must cut off motor rotation when manual operation is activated

Installation of the safety device SLE (Safety Linear Encoder)

The SLE must be fixed to the sliding guide of the flexible door, on motor side, as shown in (fig.7) and connected as shown at paragraph 5.

Curtain positioning

- Move the guide (G) inward by pushing the outer side (fig.8).



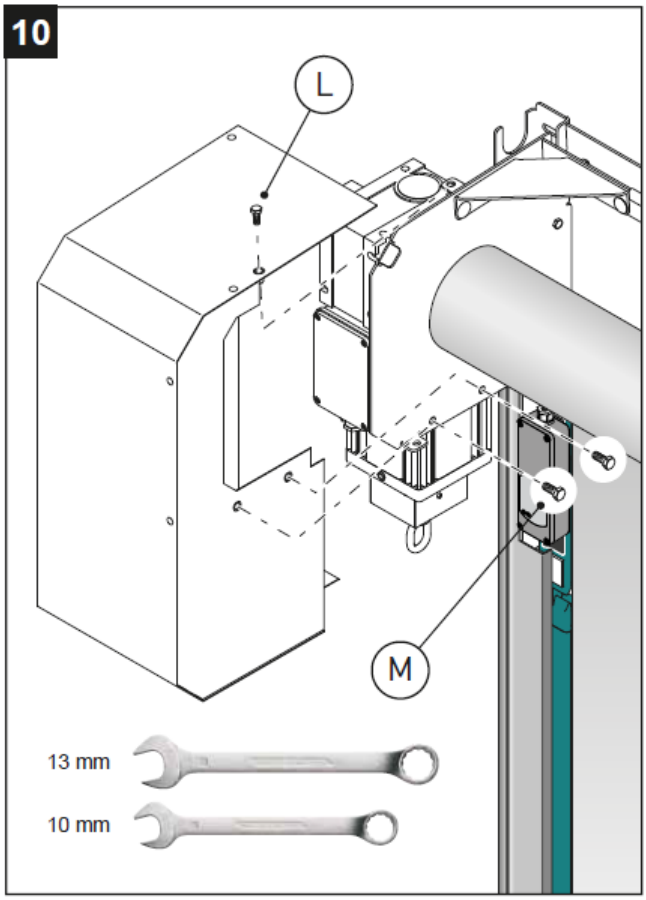
- Insert each tooth of the curtain side edge (H) in the relevant guide; to make easier the operation remove the higher screw (I).
- Roll down the curtain so the bottom edge is 0,5 m beneath the curtain inlet slot (fig.8).

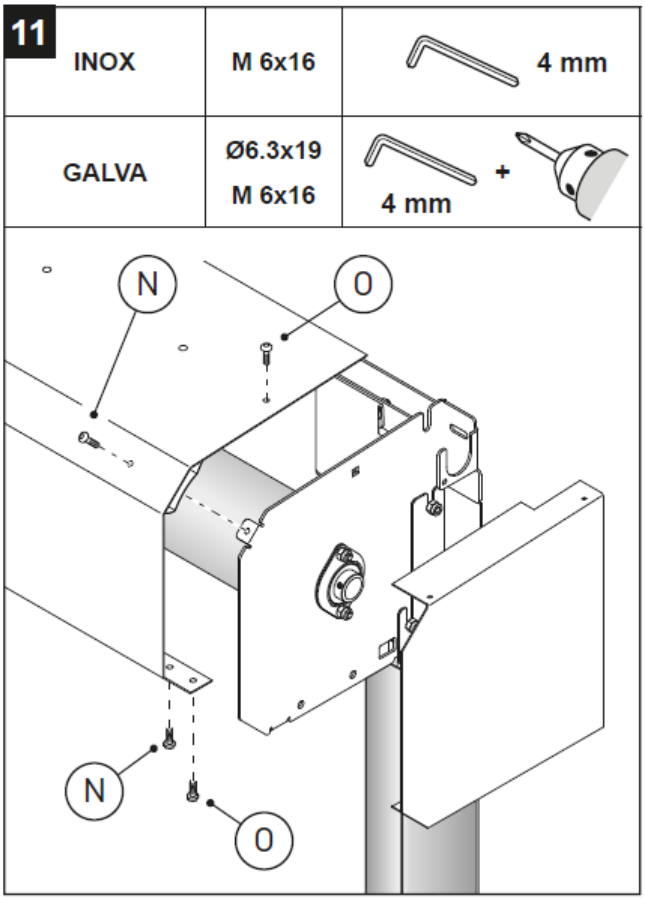
Column cover fixing

- Galvanized door; place the cover on to the edge (1) of the column and click it on the edge (2) (fig.9A).
- Stainless steel door; fix the covers with M4 screws (fig.9B).

Motor and side plate cover fixing

- Fix the top of motor cover to the side plate with M6 screw (L) and the side with M8 screws (M) (fig. 10).





- Fix the side plate cover with screws M6x16 (O) (fig.11).

Transom cover fixing

- Galvanized door; fix transom cover with self-drilling screws Ø6.3 (N) (fig.11).
- Stainless steel door; fix transom cover with screws M6x16 (N) (fig.11).

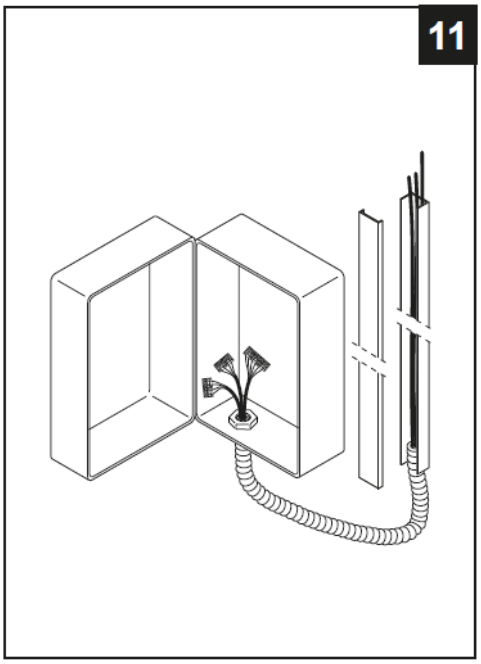
ELECTRICAL CONNECTIONS

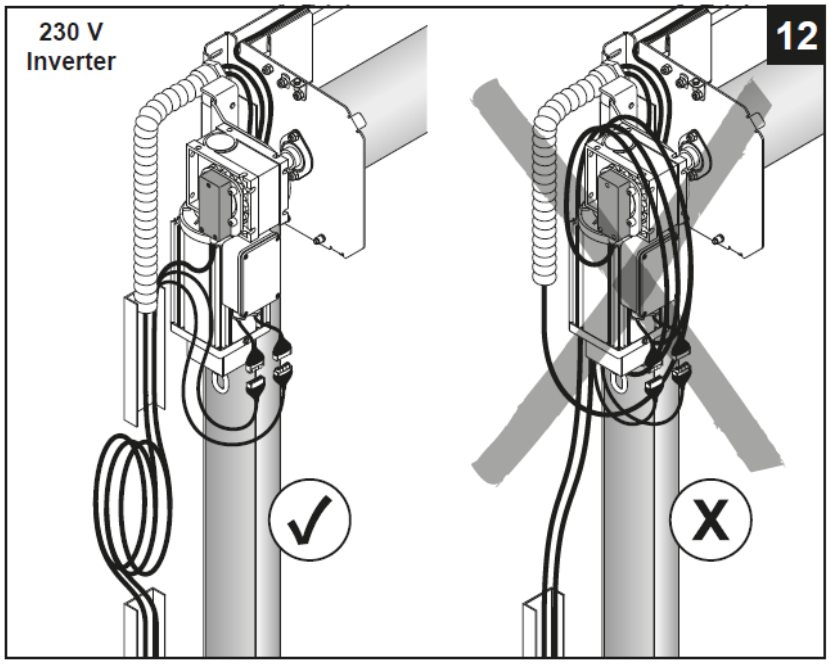
Electrical panel

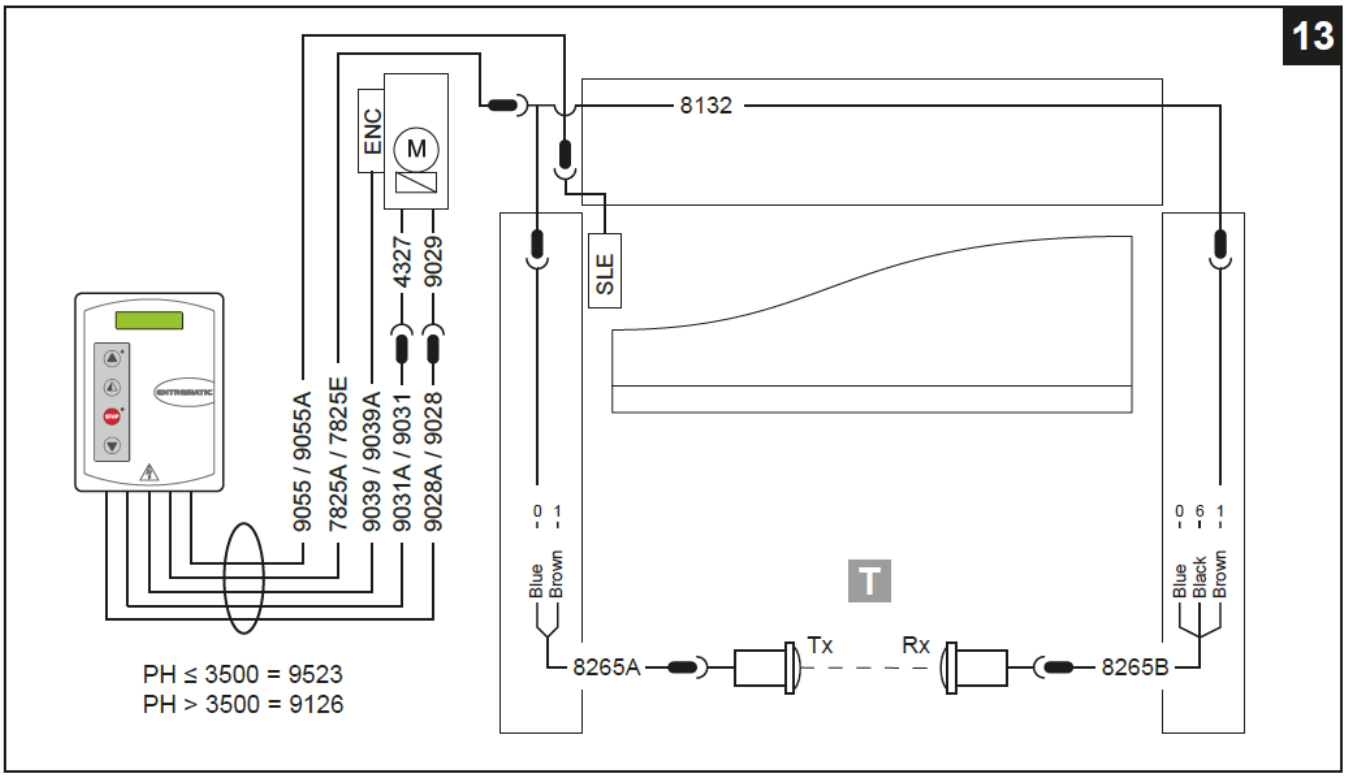
Insert the cables with the pre-wired terminal boards in the housing (fig. 11) and connect them to the boards (as shown in chap. 5). Fit the cables in the conduit and connect the connectors on the motor (fig.12).
Cabling connection on the board must be done with main power cut off, for at least 30 sec.

Electrical panel/motor/safety device connections
Figure 13 shows the layout of the cables supplied and their position in the door; each cable is identified by a special code on an adhesive label.

Safety photocells
Make the connections in the control panel as shown in the diagrams in chap. 5.







Correctly size the line conductor cross-section by referring to the indicated absorption and taking the length and installation of the cables into account

52E CONTROL PANEL (INVERTER) – Connections

INPUTS			
Command		Function	Description
1 — 2	NC	STOP	If on the programming menu (page 15 point 16) Contact 1-2 enabled, opening of the contact STOPS the door
1 — 3	NO	Opening	The closure of the contact activates the opening operation.
1 — 4	NO	Closure	The closure of the contact activates the closing operation.
41 — 40	NC	Reversal safety contact	Opening the safety contact triggers a reversal of the movement (reopening) during the closing operation.
1 — 8	NC	Reversal safety contact	Opening the safety contact triggers a reversal of the movement (reopening) during the closing operation.
1 — 20	NO	Partial opening	Closing of the contact activates a partial opening operation of the duration set with the advanced menu.
1 — 11	NC	Closing position	Opening of the contact indicates the closing position. (max. 50 mA)
1 — 13	NC	Opening position	Opening of the contact indicates the opening position. (max. 50 mA)
1 — 9	NC	Dead man	By external selector

CONTROL PANEL CONNECTORS

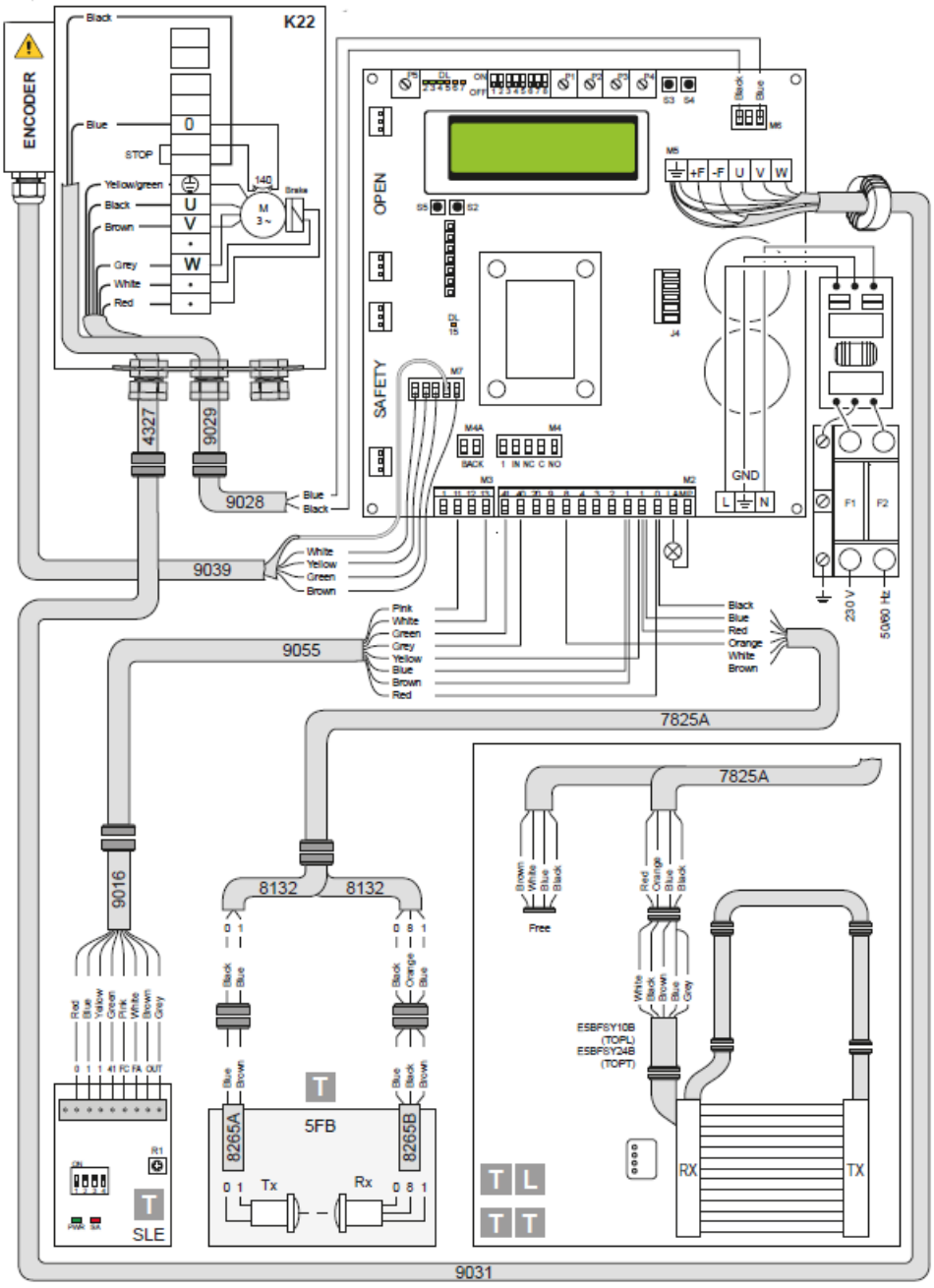
M2	Safety device / Commands
M3	Position signal
M4	Interlock
M4A	Back
M5	Motor / brake motor
M6	Thermal motor
M7	Absolute encoder

J4	Brake resistance
OPEN	Auxiliary panel card
SAFETY	Auxiliary safety card

OUTPUTS

OUTPUTS		
Output	**Value**	**Description**
1 + 0 -	24V = / 0.5A	**Power supply to accessories.** Power supply output for external accessories, including automation status lamps.
LAMP	230 V~	**Flashing light (FLM).** Non-flashing signal (jumper ON on FML). Activated during opening and closing operations.
-F +F	200 V = / 0.2 A	**Motor electric brake.** The output is active for the duration of both the opening and closing operation.
U W V M 3 ~	230 V~ / 6 A	**Three-phase motor.**

When the absolute encoder wiring is disconnected, the positions of the limit switches are res



ADJUSTMENTS AND SIGNALS

Trimmer	Description
P1 - P2 - P3 - P4 	NOT USED
P5 	Adjustment of display contrast.

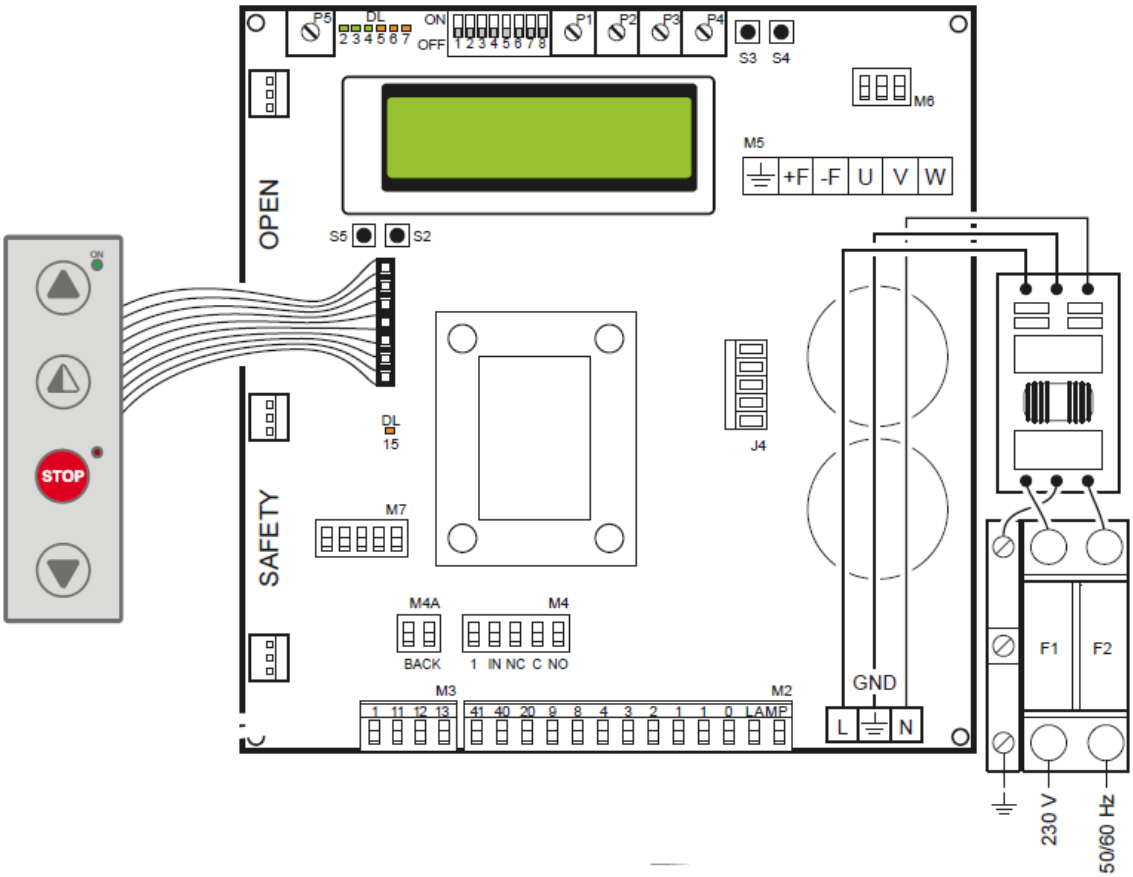
Dip-switches	Description	OFF	ON
DIP 1	**Future use**	–	–
DIP 2	**Access to advanced menu**	Disabled.	Enabled
DIP 3	**Trimmer enabling**	Disabled	Enabled
DIP 4	**Counter** TOT: Number of operations SVC: Number of operations left until service	Disabled	Enabled
DIP 5	**Access to service menu**	Disabled	Enabled
DIP 6	**Door operating data display** (F working, I Bus, I peak, V Bus)	Disabled	Enabled
DIP 7	**Future use**	–	–
DIP 8	**Cyclic operation menu**	Disabled	Enabled

LED	On
DL2	Closing position
DL3	Deceleration
DL6	Partial opening
DL7	Opening position
DL15	Autostart

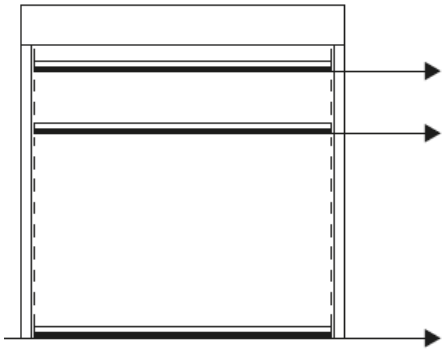
Buttons	Description
S2	USED FOR PROGRAMMING
S3	NOT USED
S4	NOT USED
S5	USED FOR PROGRAMMING

FUSES			
ID	**Value**	**Size**	**Circuit**
F1 – F2	12A – 500V	10.3 x 38	Single phase line

	Standard Operating	Programming Operating
Button	**LED**	**Button**
Starts the opening operation.	- The green LED on indicates the presence of the 24 V= power supply.	Menu scrolling
Starts the partial opening operation.		Confirm
Starts and stops the STOP operation.	- The red LED on indicates that the STOP has been activated. - The flashing red LED indicates that the safety devices have been activated. - The quick flashing red LED indicates that the service threshold has been reached	
Starts the closing operation.		Menu scrolling



POSITION ADJUSTMENT



COMMAND	NOTES
Opening position	at 200 mm from the crosspiece
Partial opening position	From 200 mm, from floor to opening position
Closing position	on floor

TROUBLESHOOTING

Display message	Problem	Check
Current limit exceeded	Requested motor torque exceeds available torque.	• Reduce opening speed. • Check power supply. • Check power supply wiring.
Encoder battery	Absolute encoder battery flat or position read error	• Switch off the control panel, wait 3 minutes and reconnect the power supply. If the problem is not resolved, try again. • If the encoder battery message remains displayed, replace the encoder.
Insert brake resistance	Voltage on BUS exceeds threshold	• Switch off the control panel, wait 3 minutes and reconnect the power supply. • If the error reoccurs, check that the voltage on the BUS is lower than 360 V.
Max. BUS voltage	BUS voltage exceeds threshold	• Switch off the control panel, wait 3 minutes and reconnect the power supply. • Check the control panel power supply voltage.

PROGRAMMING MENU

INSTALLATION MENU

When the control panel is switched on, after showing the messages DITEC and microprocessor and card FW VERSION, the device automatically enters the installation menu and displays the message SELECT LANGUAGE.

PROGRAMMING COMPLETED

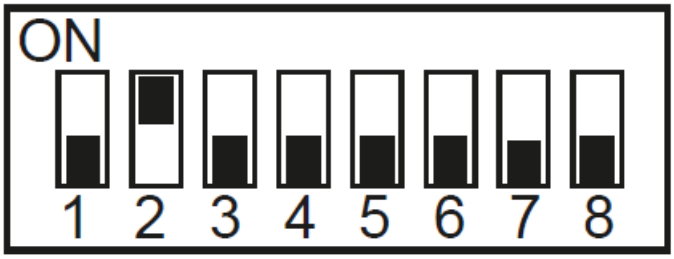
The door is now programmed and operating with the set default speed values. With the door MOVING, the voltage and current values will be displayed on the BUS. Confirm with Remove cables from PIN 3, 4, 20 during programming

STEP	1st level options	2nd level options	Menu scrolling	Notes
1	Select language			Confirm with:
	Confirm with:	ENGLISH		
		ITALIAN		
		FRANÇAIS		
		DEUTCH		
		ESPANOL - POLSKA CESKY - MAGYAR		
2	Door model			Confirm with:
	Confirm with:	SOFT RESET		
		SECTOR RESET		
		SMART PLUS		
		SECTOR PLUS		
		TRAFFIC C		
		SMART RESET		
3	Position control			Confirm with:
	Confirm with:	ENCODER		
		LIMIT SWITCH		
4	Motor control			This option is only displayed if door with external motor is selected in point 3).
	Confirm with:	LEFT		
		RIGHT		
5	Calibrating positions			The door will move to the desired position in man present mode and at low speed. Confirm position with:
	Confirm with:	CLOSED POSITION		
		PARTIAL OPEN POS.		
		OPEN POSITION		
6	Command mode			Confirm with: Selecting 1-9: if 1-9 is closed, the command mode will be impulsive, if 1-9 is open the command mode will be “dead man”
	Confirm with:	IMPULSIVE		
		MAN PRESENT		
		INPUT 1-9		
7	CONFIRM DATA			Confirm with:

ADVANCED MENU

The advanced menu allows you to modify the position of the limit switches which have previously been set and modify the set default parameters.

To access the Advanced Menu:



- STOP the door
- Set DIP 2 to ON

ENCODER CALIB.", the first item in the advanced menu, will appear on the display. 1 2 3 4 5 6 7 8

ONCE PROGRAMMING HAS ENDED, SET DIP2 TO OFF
Remove cables from PIN 3, 4, 20 during programming

STEP	1st level options	Scrolling	Confirm	2nd level options		Notes
1	Encoder Calibration			Closed position		The door will move to the desired position in man present mode and at low speed. All the positions (closing, partial opening, opening) must be set.
2	Photocell excluded (step present only for Reset doors)			Change value (1 unit ≅ 3mm)		By increasing the value, the position of the photocell by-pass is raised
3	Primary safety device excluded			Change value (1 unit ≅ 3mm)		By increasing the value, the position of the primary safety by-pass is raised
4	Automatic closing (default SI with T= 5 s)			YES NO		
5	Automatic closing time			Time variant		Option available only if YES has been selected for point 4). Value ranging from 0 to 100 sec.
6	Command mode			Impulsive Man present INPUT 1-9		Selecting 1-9: if 1-9 is closed, the command mode will be impulsive, if 1-9 is open the command mode will be "dead man"
7	Opening safety device			YES NO		If set to YES, the closed door that receives an opening command does not open if the photocell is activated.
8	Interlock			NO INTERLOCK AIRLOCK INTERLOCK		AIRLOCK: door 2 opens with external command only if door 1 is closed. INTERLOCK: door 2 opens automatically when door 1 has closed
9	Pre-flashing when opening (default no)			YES NO		Pre-flashing has a set time of 3 sec.
10	Opening ramp advance			CHANGE VALUE (1 unit ≅ 3mm)		When the value increases, the deceleration distance when opening increases.
11	Opening speed in (Hz)			CHANGE VALUE		The setting of values that are higher than the default ones must be assessed according to door dimensions and operating conditions.

STEP	1st level options	Scrolling	Confirm	2nd level options		Notes
12	Closing speed in (Hz)			CHANGE VALUE		The setting of higher values must be assessed according to door dimensions and operating conditions.
13	Service Alarm			YES		
				NO		
				RESET?		Restart the service count down
14	Service thresh			CHANGE VALUE		Option available only if YES has been selected for point 14). Set value to steps of 1000 cycles Max 200,000 cycles
15	Enable stop 1-2			YES		If set to YES, opening of the contact 1-2 STOPS the door.
				NO		
16	Brake resistance (default NO)			YES		Set to YES when the door is supplied with brake resistance.
				NO		
17	PARAMETER RESET			CONFIRM		Confirm to go back to the installation menu.

ONCE PROGRAMMING HAS ENDED, SET DIP2 TO OFF

Timed opening menu

With door in STOP position and DIP 8 ON you enter the menu CYCLIC MODE. By activating this mode it is possible to set a timed opening at regular time intervals. Once the mode is set put DIP 8 OFF.

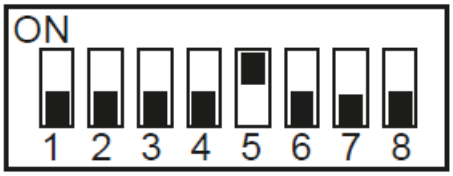
STEP	1st level options	Scrolling	Confirm	2nd level options		Notes
1	CYCLIC MODE			TIMER OFF		Timer not active
				TIMER ON		Timer active
2	TIME UNIT			MIN.		Timer by minuts
				SEC.		Timer by seconds
3	OPENING TIME			1 ...200		Set the regular time intervals
4	AUTO CLOS.TIME			1....200		Set the time during which the door remains open
5	TOT			VALUE		Cycle counter
6	RESET CYCLES			RESET?		Cycle counter reset

When CYCLIC MODE is active, the display shows every 2 sec: TOT cycle – count down to next open/OPENING TIME

Service menu (password required)

The Service menu is used to modify the brake resistance thresholds, the overcurrent threshold and the anti-wind function when the encoder intervenes.

To access the Service menu:



- STOP the door
- Set DIP5 to ON
- Enter the PW: button sequence OPEN- OPEN- CLOSE- PARTIAL OPENING

Remove cables from PIN 3, 4, 20 during programming

STEP	1st level options	Notes
1	MIN BRAKING VOLT. Default 340Vdc	Threshold for partial intervention of braking resistance
2	MAX BRAKING VOLT. Default 380Vdc	Threshold for total intervention of braking resistance
3	OVERCURRENT LIMIT Default 10A	If the current on the BUS exceeds the set threshold, the door opens at half the speed to reduce absorption.
4	RAMP SLOPE DURING OPENING	Changes the slope of the deceleration ramp when opening. Default 15. (If the value is increased, the ramp distance is reduced).
5	BATTERY LEVEL	Visualizes the encoder battery charge level from 0% to 100%
6	ALARM LIST	The last 50 alarms are displayed: Overcurrent; bus voltage exceeds limit, Intervention of brake resistance, inverter overtemperature, faulty motor driver (encoder). To exit, press partial opening

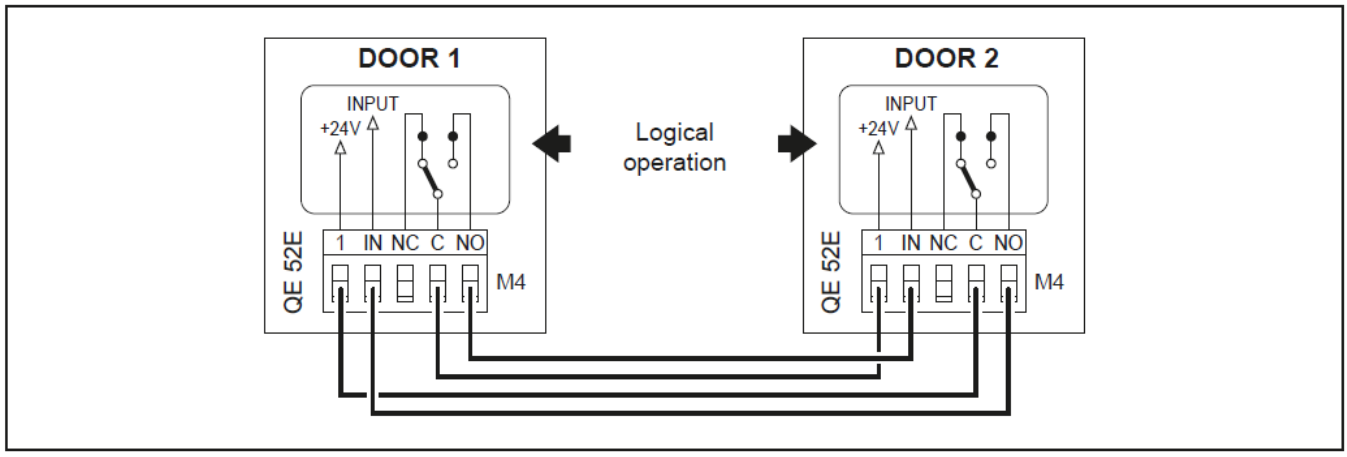
ONCE PROGRAMMING HAS ENDED, SET DIP5 TO OFF

Display messages

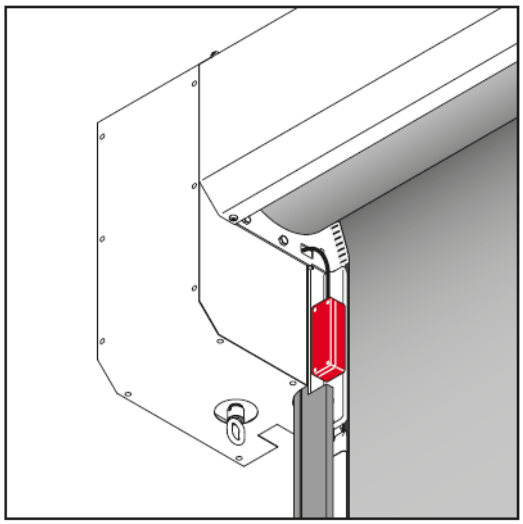
MESSAGE	SITUATION	NOTES

Ditec	door closed waiting for command	
Opening of VBUS IBUS	door opening	
Door open – automatic closing time	Door open	
Closing of VBUS IBUS	door closing	
Input 40 closed; input 8 open	intervention of photocell	When door is moving
input 40 open; input 8 closed	intervention of encoder (SLE)	When door is moving
Thermal or release micro open	Intervention of safety micro on man ual opening device / intervention of motor thermal switch.	
Opening safety device activated	photocell engaged when door is clo sed and door does not open	Message that only appears if the “o pening safety” function is set to YE S on the advanced menu (step 7).
Door stopped	stop command activated	

Interlock



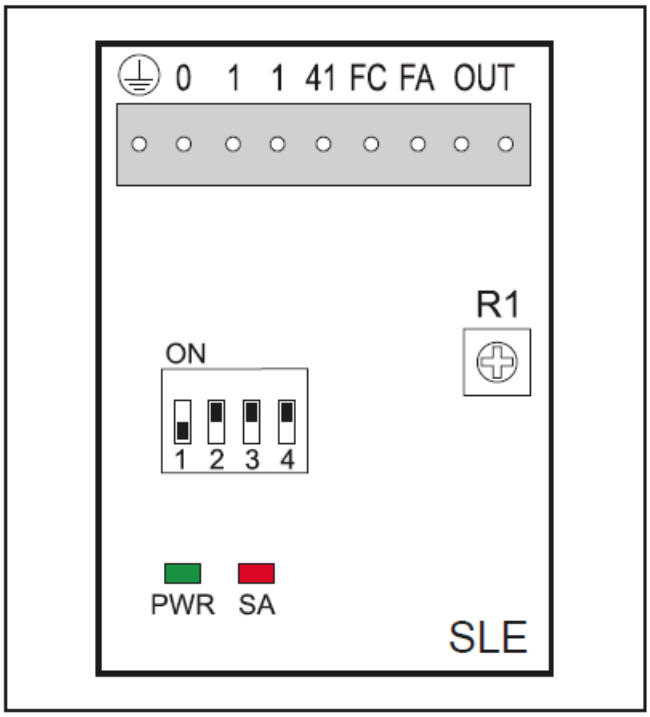
Adjustment of the Safety Linear Encoder (SLE)



Trimmer	Description
R1 MAX MIN	**Adjustment of reaction sensitivity (default on minimum)**

LED	ON / Flashing	OFF
PWR	Power supply on	Power supply off
SA	• Initialisation • Intervention due to obstacle • Test running • Test failed / alarm	Normal operating no obstacle.

LED	ON / Flashing	OFF
PWR	Power supply on	Power supply off
SA	• Initialisation • Intervention due to obstacle • Test running • Test failed / alarm	Normal operating no obstacle.



Dip- switches	Description	OFF	ON
DIP 1	**Control panel type**	48E / 52E	/
DIP 2	**Obstacle detected after FC closing limit switch**	Disabled	Enabled (only control panels with INVERTER)
DIP 3	**Scale of sensitivity**	HIGH (doors close quickly)	LOW (doors close slowly)
DIP 4	**Limit switch polarity**	0 = Limit switch common 48E	1 = Limit switch common 52 E)

Before performing and operations and working on the electronic equipment make sure that the power supply has

been disconnected
The following instructions are for qualified and authorised personnel only. Specific laws and standards must always be complied with even when not expressly indicated.

For repair work or replacements, use only original Ditec spare parts

COMMAND	PROBLEM	CHECK
Any command with the curtain in any position	***The curtain and the motor do not move***	• STOP activated (“Stop” LED on push-button panel permanently on) • Motor with thermal switch activated • Manual operation safety micro activated • One of the power devices faulty (control panel, motor, motor connection cable)
Opening command with curtain closed	***The motor does not move***	• Opening command not connected correctly or faulty (**commands 1 – 3**) • Closing command always activated or short-circuited
Closing command with curtain open	***The motor does not move***	• Closing command not connected correctly or faulty (**commands 1 – 4**) • Safety device activated (Stop button LED flashing) • Opening command always activated or short-circuited • Failed safety device autotest (Stop LED on push-button panel OFF)
Stop activated during an operation	***The motor does not stop***	• Stop command not working or incorrectly connected (Stop LED on push-button panel does not come on)
	The motor stops late	• Motor brake worn or faulty
Activation of a safety device during closing	***Door movement is not reversed***	• Safety device faulty or not connected correctly • Check earth connections. • Check photocell bypass position.
Automatic closure activated with curtain open	***The door does not close automatically after the time set with TC***	• Automatic closure not enabled correctly • Opening command always activated or short-circuited • Failed safety device autotest
During an operation	***The curtain does not stop correctly at the limit switch***	• Check motor brake • Check connection of encoder magnet to the motor shaft

NB: for diagnostics specifically for the inverter panel 52E, also see page 9

MAINTENANCE TO BE CARRIED OUT EVERY 6 MONTHS

Regular inspections should be made according to national regulations and product documentation by a Ditec trained and qualified technician. The number of service occasions should be in accordance with national requirements and with the product documentation.

Safety Devices

- Check the correct operation of the safety device Linear Encoder (SLE)
- Check the correct operation of the safety photocells

Side guides

Check the guides wearing and the relevant curtain sliding

Installation / Fitting

- Tighten the fitting screws of the uprights with the crosspiece
- Check the anchoring of the door to the door frame

Motor

- Check the fixing of the motor to the relevant support
- Check if encoder is working and its battery level
- Check the brake disc wearing. If necessary replace the disc
- Check motor silent block operation and integrity

Main Shaft

- Check the good bearing supports fixing
- Lubricate the support of the bearings by suitable grease inlet

Zipper status

Check wearing and cleaning of the zipper

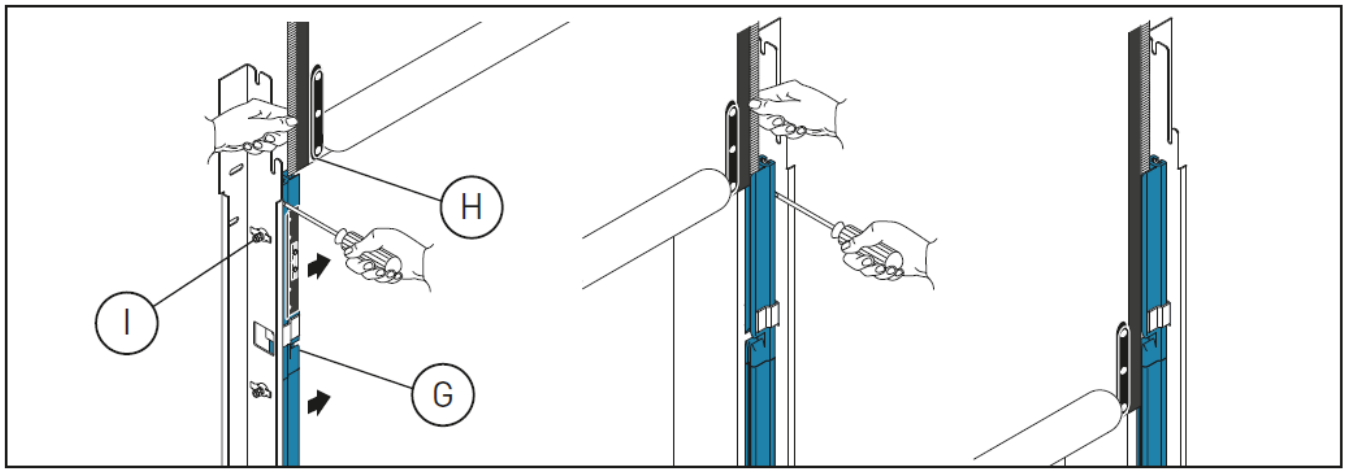
Maintenance Plan

The table below shows the recommended interval – in months – when to replace parts during preventive maintenance.

Part	Part number	Cycles / hour operation			Abusive Environment (1)
		<10 Low Traffic	<30 Medium Traffic	>30 High Traffic	
		Months	Months	Months	
Brake disc	622337	36	24	12	12
	29448ARR				
Upper guide	29448ARL 29448B	48	36	24	24
Lower guide	BGBST	48	36	24	24
Guide compensation spring	KSPRING	36	24	12	12
Lens group and spacer for SLE	6GLSLEC	36	24	12	12
Motor silent block	5AV402510	48	36	24	24

Dirty or dusty environment, operating temperature near to 0°C or over 35°C, wind pressure within 20% of maximum limit.

REINSERT THE CURTAIN



- Close the upper part of the plastic guides (P) by pushing on the outer side.
- Insert each tooth side edge (Q) of the curtain in the relevant guide, if necessary to make easier the operation remove the higher screw (R).
- Roll down the curtain so the bottom edge is 0.5m beneath the curtain inlet slot.

USE INSTRUCTIONS

GENERAL SAFETY PRECAUTIONS

- This user handbook is an integral and essential part of the product and must be delivered to the users.
- Keep this document and pass it on to any future users.

- This automation is a “vertical-roll door”; it must be used for the specific purpose for which it was designed. Any other use is to be considered inappropriate and so dangerous. Assa Abloy Entrance Systems AB declines all responsibility for damage caused by improper, incorrect or unreasonable use.
- The device may be used by children over the age of 8 and by people with reduced physical, sensorial or mental abilities, or lack of experience or knowledge, as long as they are properly supervised or have been instructed in the safe use of the device and the relative hazards.
- Cleaning and maintenance work must not be carried out by children unless they are supervised.

USE PRECAUTIONS

- Do not enter the door action area while the door is moving.
- In the event of a fault or malfunction, turn off the main switch. The operations of maintenance, adjustment and repair must be carried out by skilled and authorised staff.
- Each automation has its own “Installation and Maintenance handbook”, reporting the periodical maintenance plan. Please take care to check all the safety devices

BUTTONS


- Full opening: the door opens completely. The stroke can be fixed via the end stop microswitch.


- Partial opening: the door opens partially, to a point time-regulated by the RP trimmer.

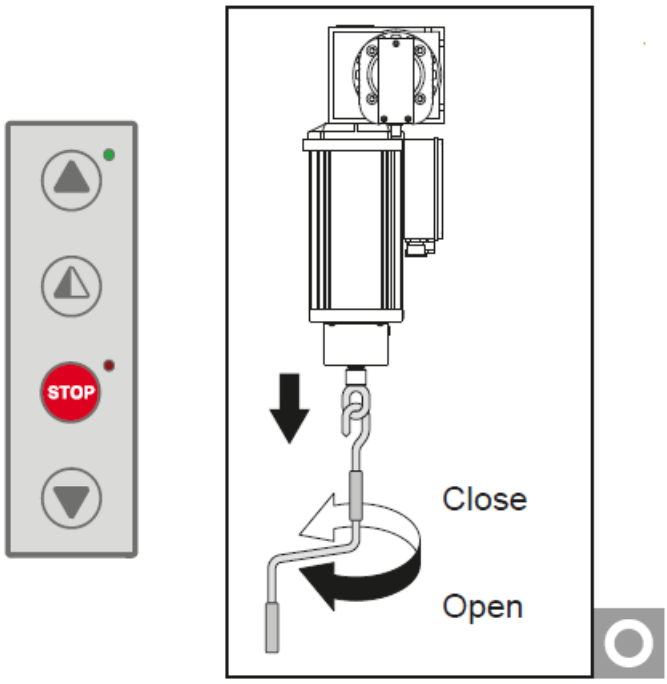
- STOP: the door stops immediately.


- Closing: the door closes completely. The stroke can be fixed via the end stop microswitch.

OPTIONAL DS – MANUAL OPERATION

To manually raise the curtain in the event of a power failure or fault, raise the curtain to the “open door” position, as shown.

Do not leave the manual operation rod hanging on the ring during normal door operating. Use the special wallmounted fastening clip



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Tel. (+32) 53 72 98 98
Fax (+32) 53 72 98 50

MAINTENANCE TO BE CARRIED OUT EVERY 6 MONTHS

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- Check the correct operation of the safety photocells

Side guides
Check the guides wearing and the relevant curtain sliding

Installation / Fitting

- Tighten the fitting screws of the uprights with the crosspiece
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Motor

- Check the fixing of the motor to the relevant support
- Check if encoder is working and its battery level

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- Check the good bearing supports fixing
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Check wearing and cleaning of the zipper

Maintenance Plan
The table below shows the recommended interval – in months – when to replace parts during preventive maintenance.

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Motor silent block	5AV402510	48	36	24	24

Dirty or dusty environment, operating temperature near to 0°C or over 35°C, wind pressure within 20% of maximum limit.

Date	Cycle counter	Signature

APPLICATIONS

- Use: 4 (minimum 5 years of working life with 300 cycles a day) Applications: INTENSE (for industrial and commercial access with intense use).
- Service class, running times, and the number of consecutive cycles are to be taken as merely indicative having been statistically determined under average operating conditions, and cannot therefore be applied to each individual case. Reference is to the period when the product functions without the need for any extraordinary

maintenance.

- Independent variables such as friction, balancing and environmental factors may substantially alter the lifespan or performance characteristics of the automatic access or parts thereof (including the automatic systems). It is the responsibility of the installer to adopt suitable safety measures for each single installation

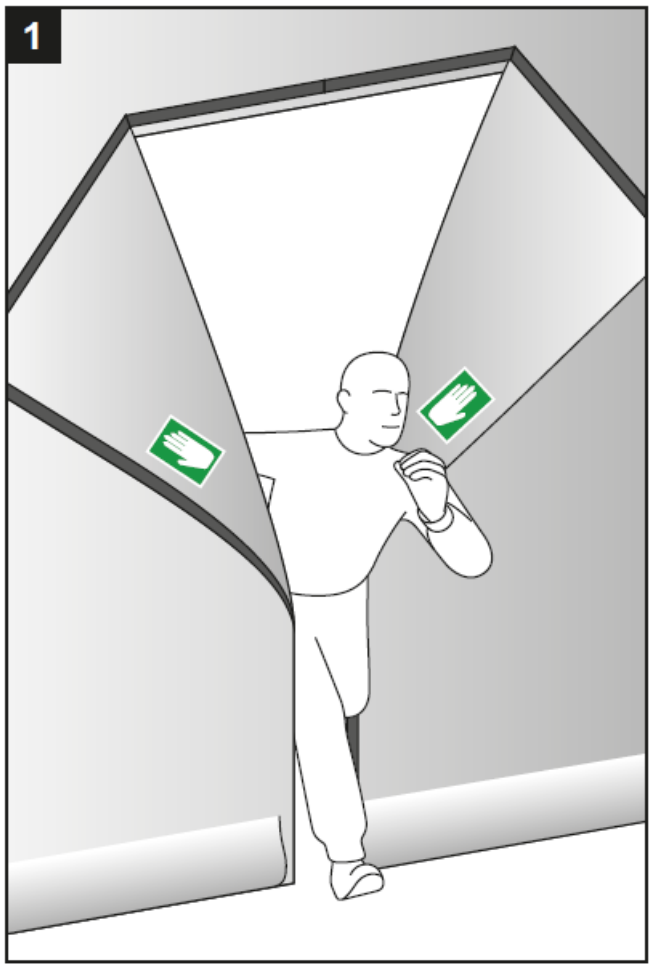
SOUND PRESSURE
sound pressure level LPa ≤ 70 dBa

DISMANTLING
For disassembly of the unit. The door is dismantled in the reverse sequence of the installation procedure. The doors should be disposed of in an environmentally responsible manner and according to local stipulations

DECLARATION OF CONFORMITY

We: Assa Abloy Entrance Systems AB Lodjursgatan 10 SE-261 44 Landskrona Sweden declare under our sole responsibility that the type of equipment with name / description:
SOFT RESET Roll-up high speed door
With performance levels as declared in the accompanying Declaration of Performance and the product label, and electrical drive unit as identified in the log book provided with it, is in compliance with the following directives:
2006/42/EC Machinery Directive (MD)
2014/30/EU Electromagnetic Compatibility Directive (EMCD)
2011/65/EU On the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoSH)
Harmonized European standards which have been applied:
EN 13241-1 EN 61000-6-2 EN 61000-6-3 EN 60335-1 EN 60204-1
Other standards or technical specifications, which have been applied:
EN 60335-2-103
EC type examination or certificate issued by a notified or competent body (for full address, please contact Assa Abloy Entrance Systems AB) concerning the equipment: CSI Spa Reg. – N° 0497
The manufacturing process ensures the compliance of the equipment with the technical file. The manufacturing process is regularly accessed by 3rd party.

RESTORE CURTAIN INSTRUCTION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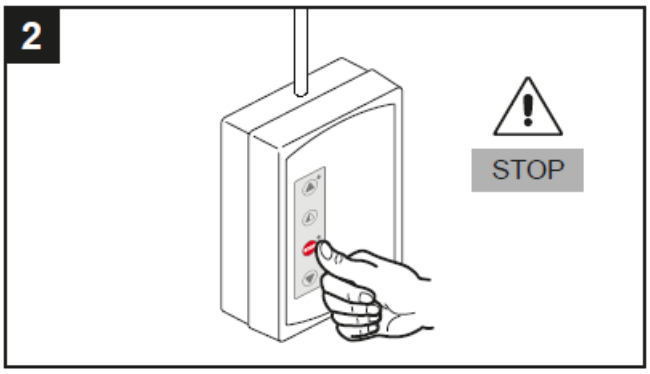
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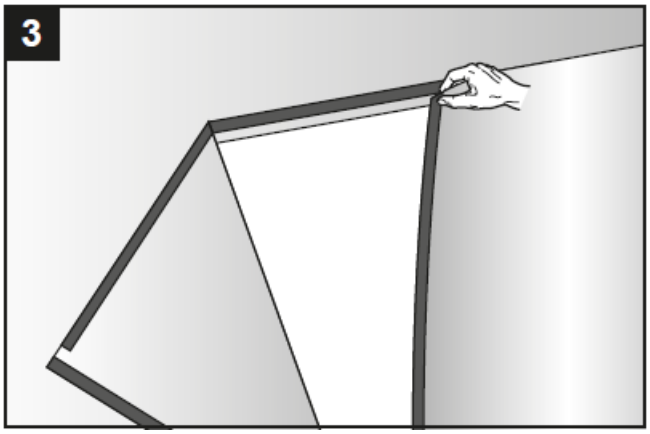
STOP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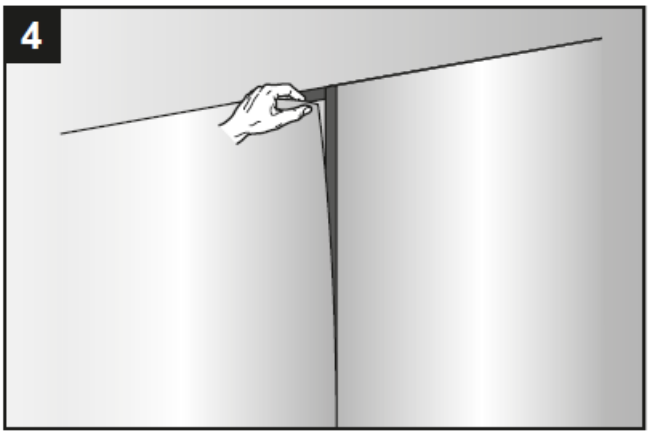
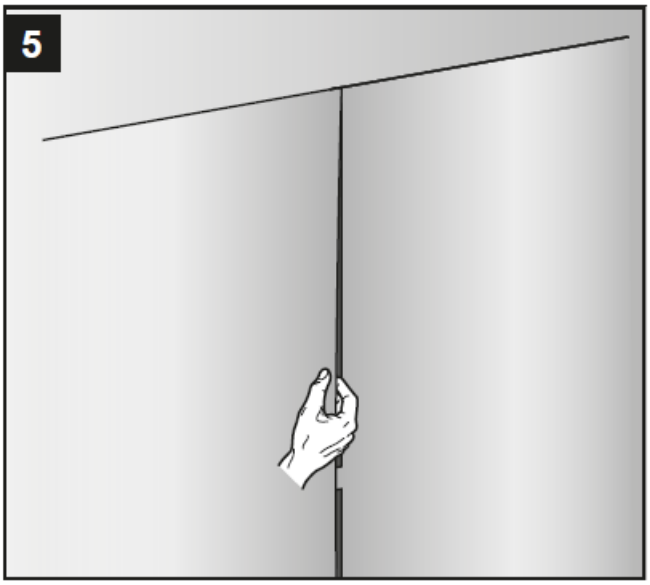
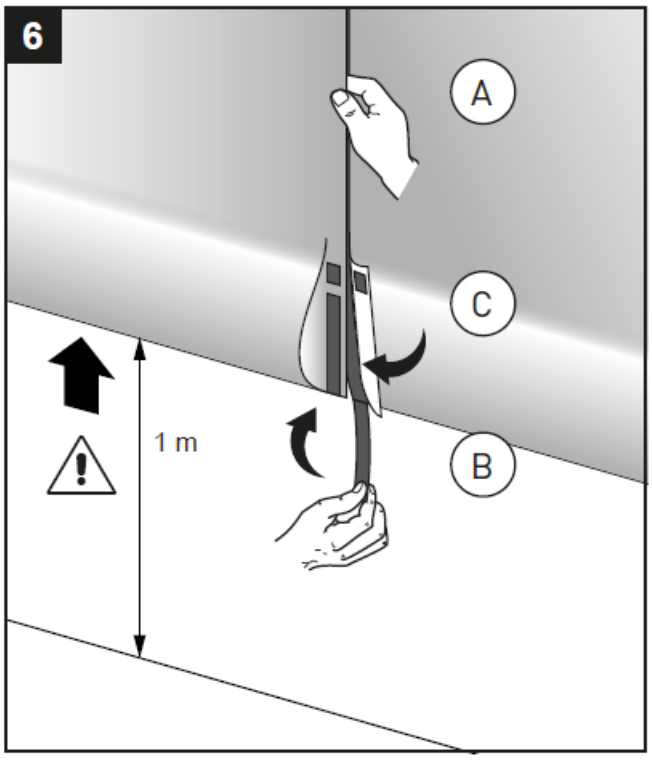
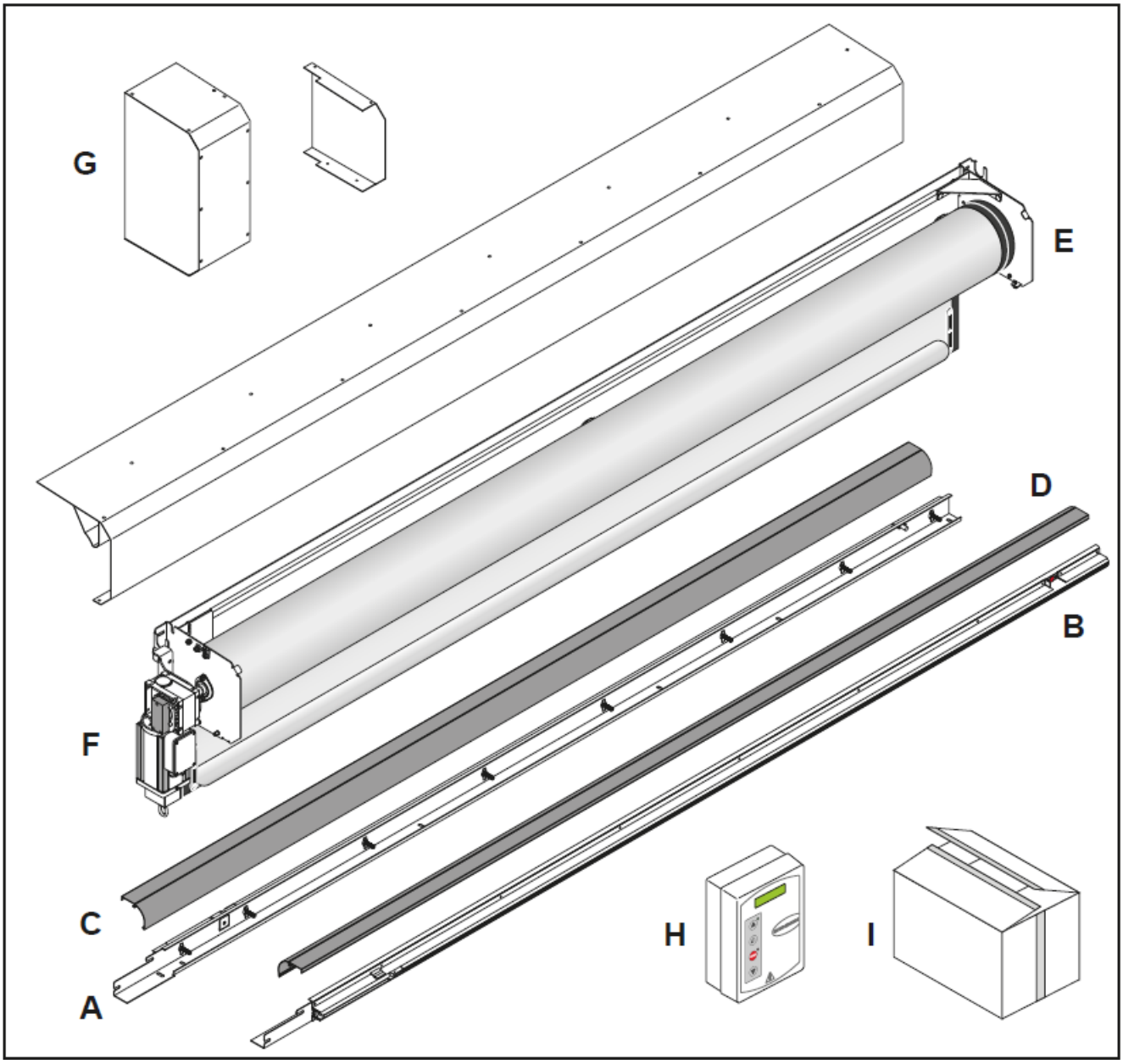






PACKING LIST

Reference	Description	Quantity
A	Left column	**1**
B	Right column	**1**
C	Left Cover	**1**
D	Right Cover	**1**
E	Transom with rolled curtain	**1**
F	K22 Motor	**1**
G	Motor carter and opposite side plate cover	**1**
H	Control unit	**1**
I	Hardware box	**1**



Documents / Resources

	Ditec 0DT869 Soft Reset [pdf] Instruction Manual 0DT869 Soft Reset, 0DT869, Soft Reset, Reset
	Ditec 0DT869 Soft Reset [pdf] Instruction Manual 0DT869 Soft Reset, 0DT869, Soft Reset, Reset