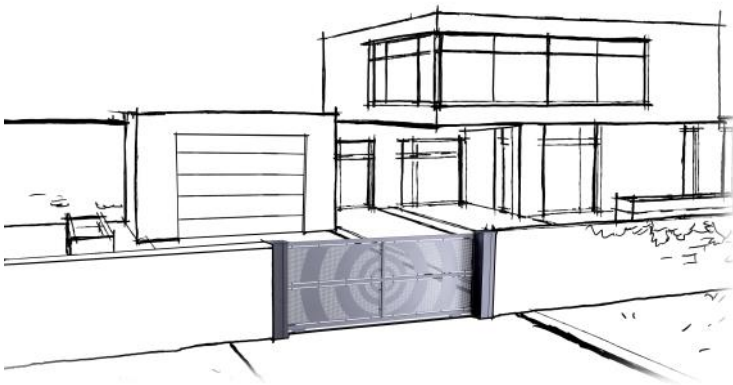


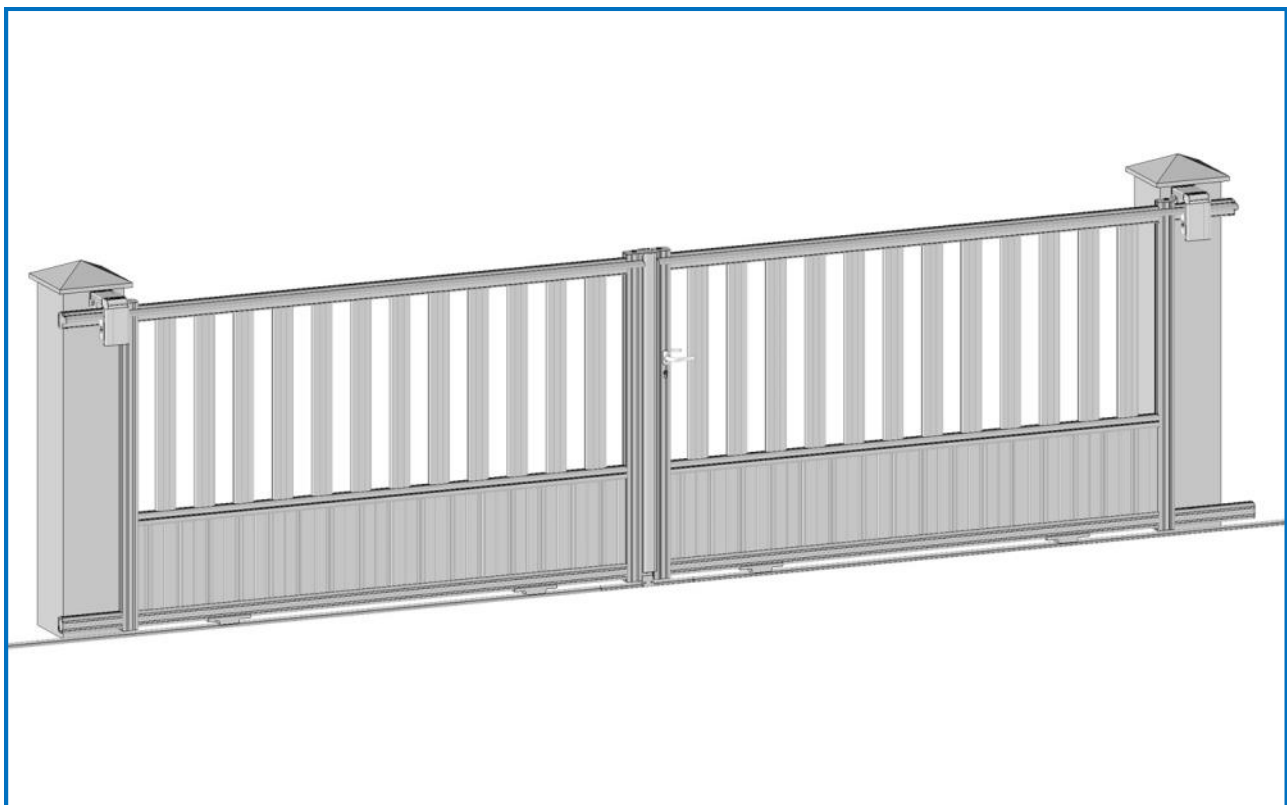
Manual: No. 7407

Supplement to installation manual

SLIDING GATE



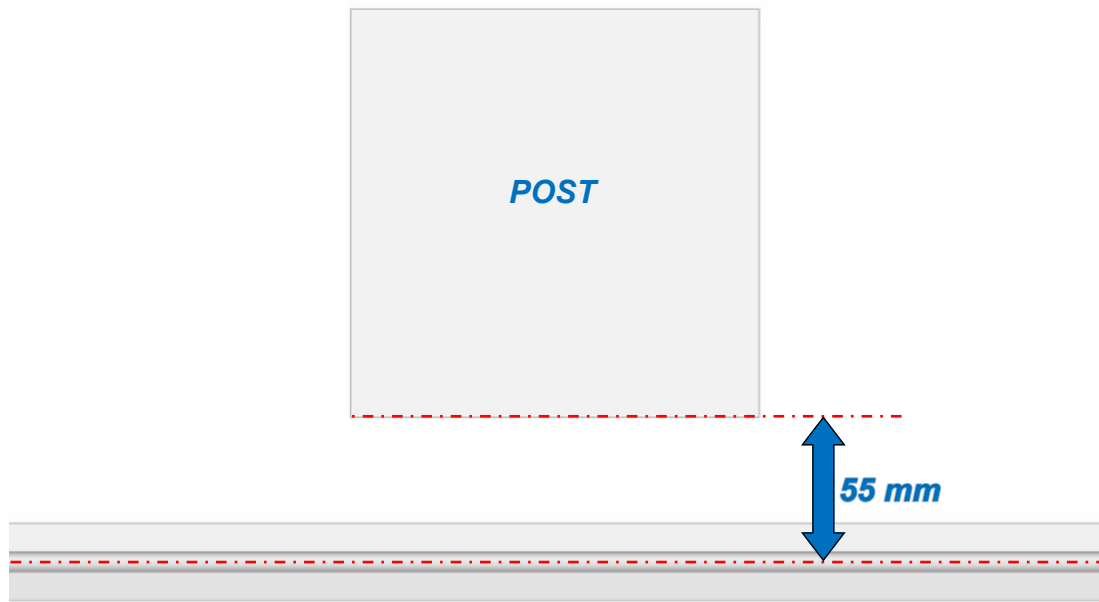
2-Leaf



(Document reserved for installers)

Installing the bottom guiding rail

1

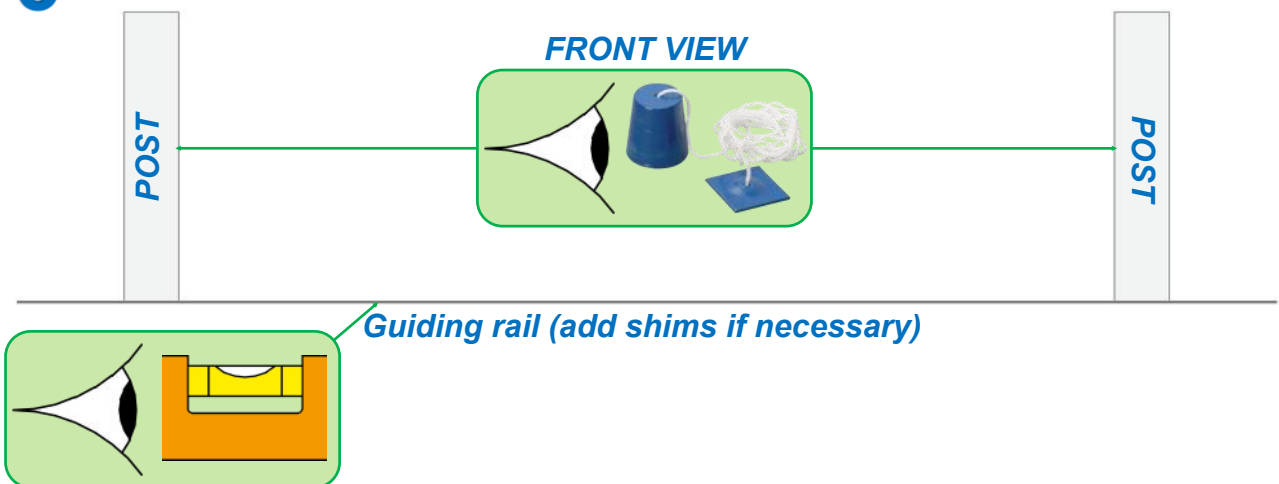


Positioning the guiding rail

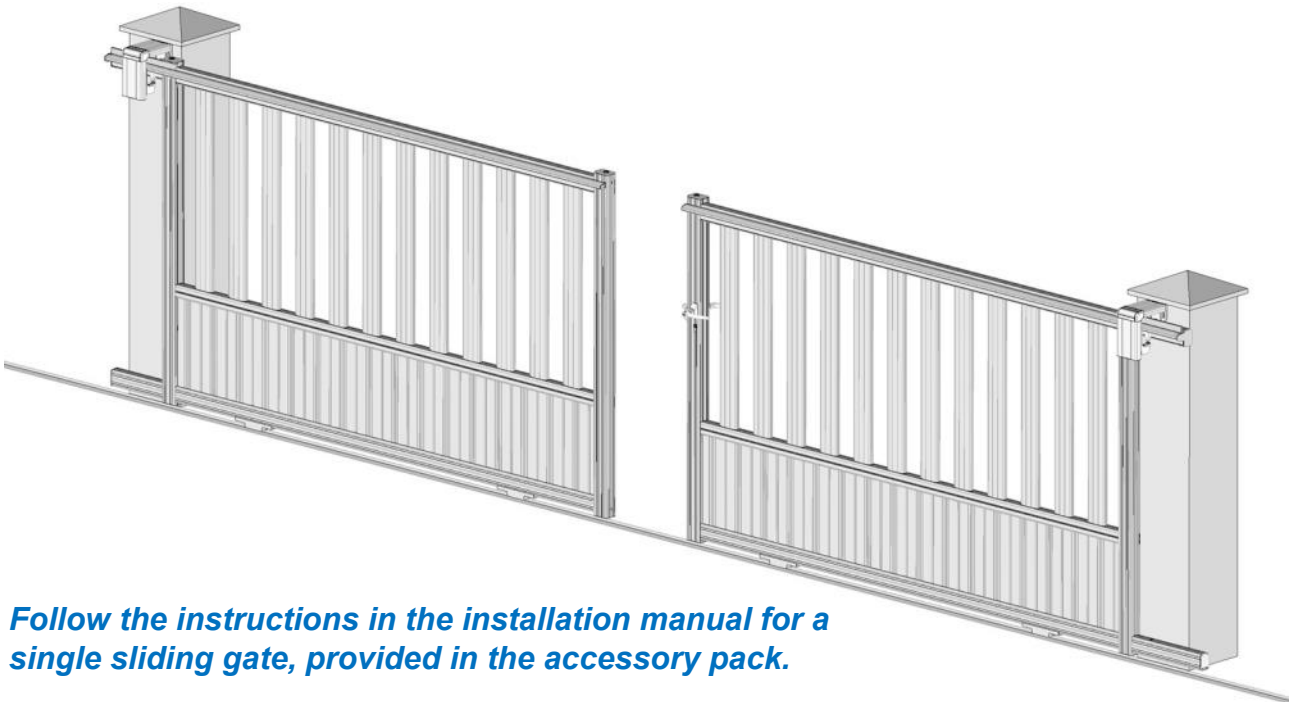
2



3

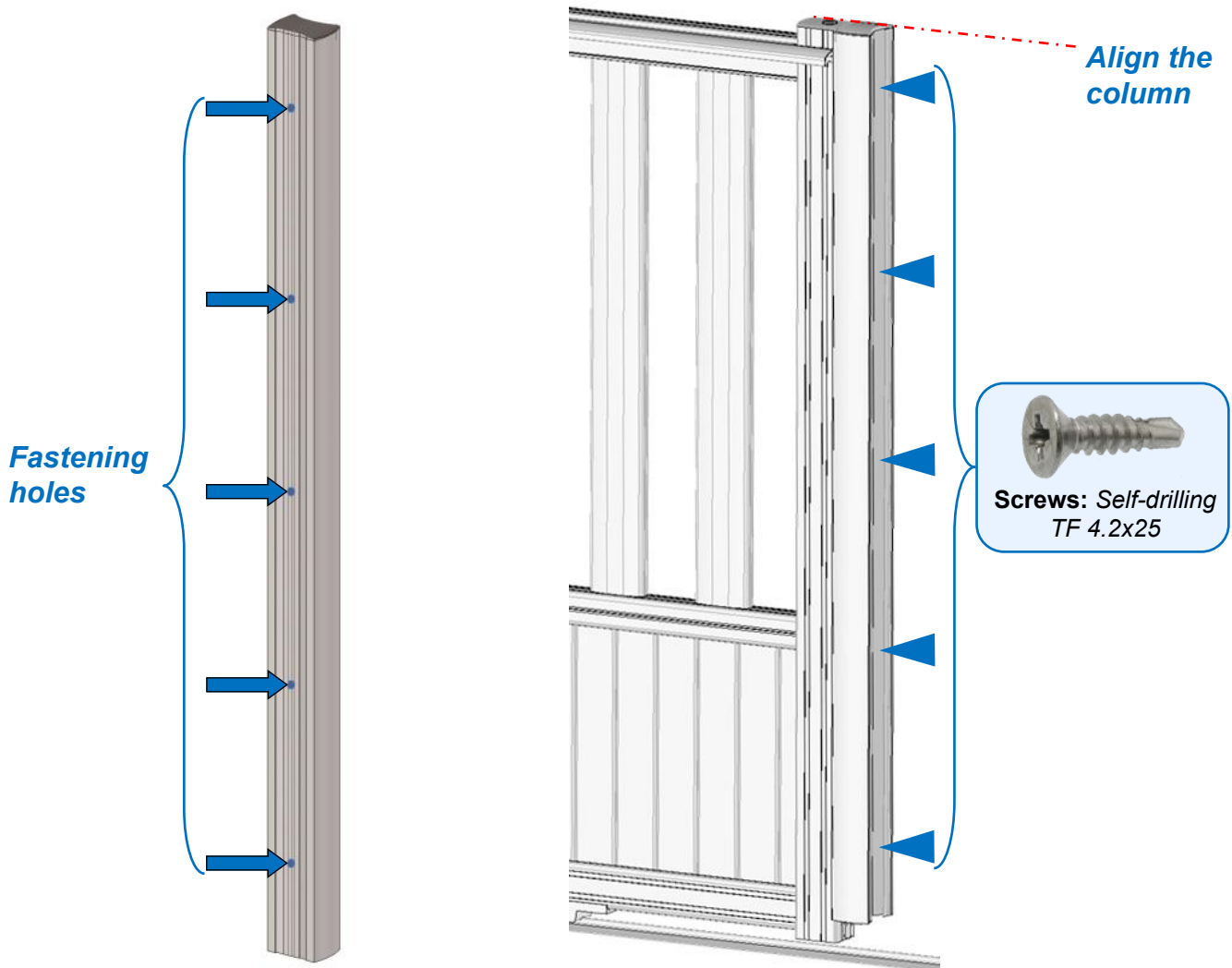


Installing the 2 gates

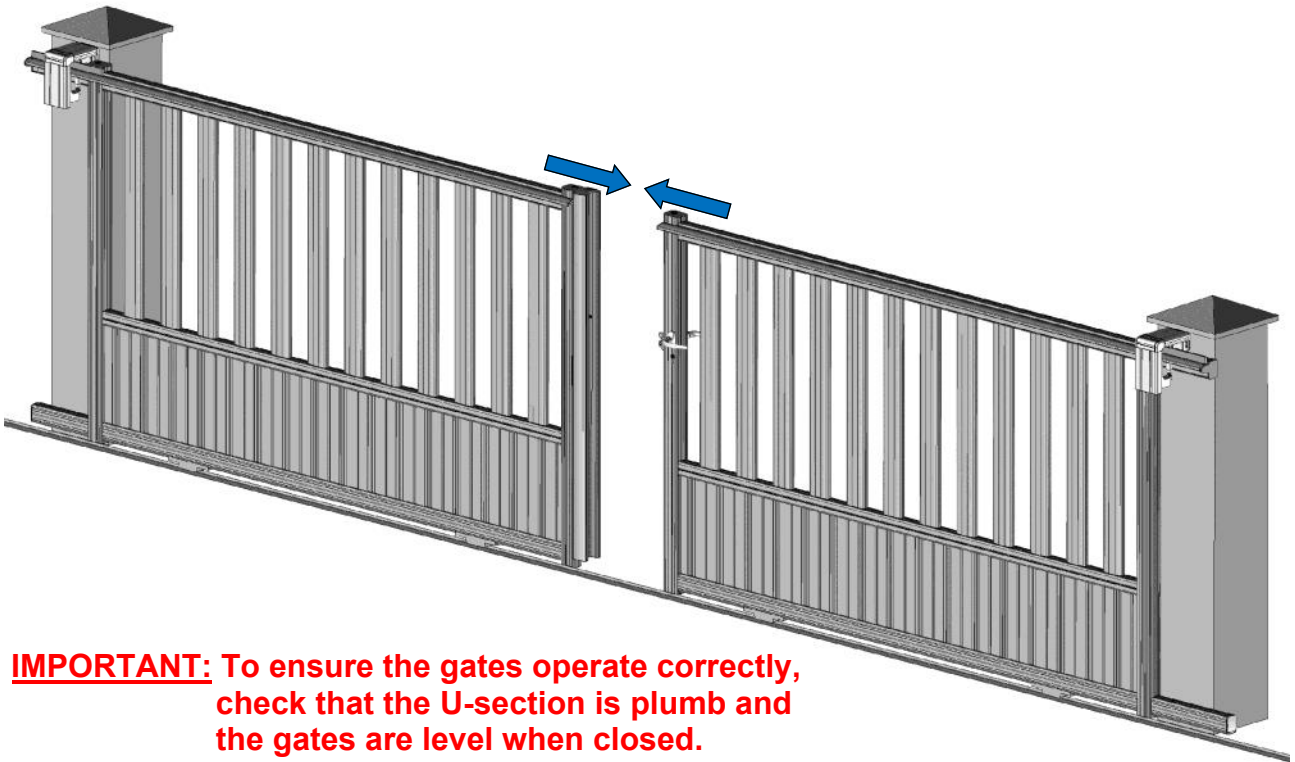


Follow the instructions in the installation manual for a single sliding gate, provided in the accessory pack.

Installing the U-section

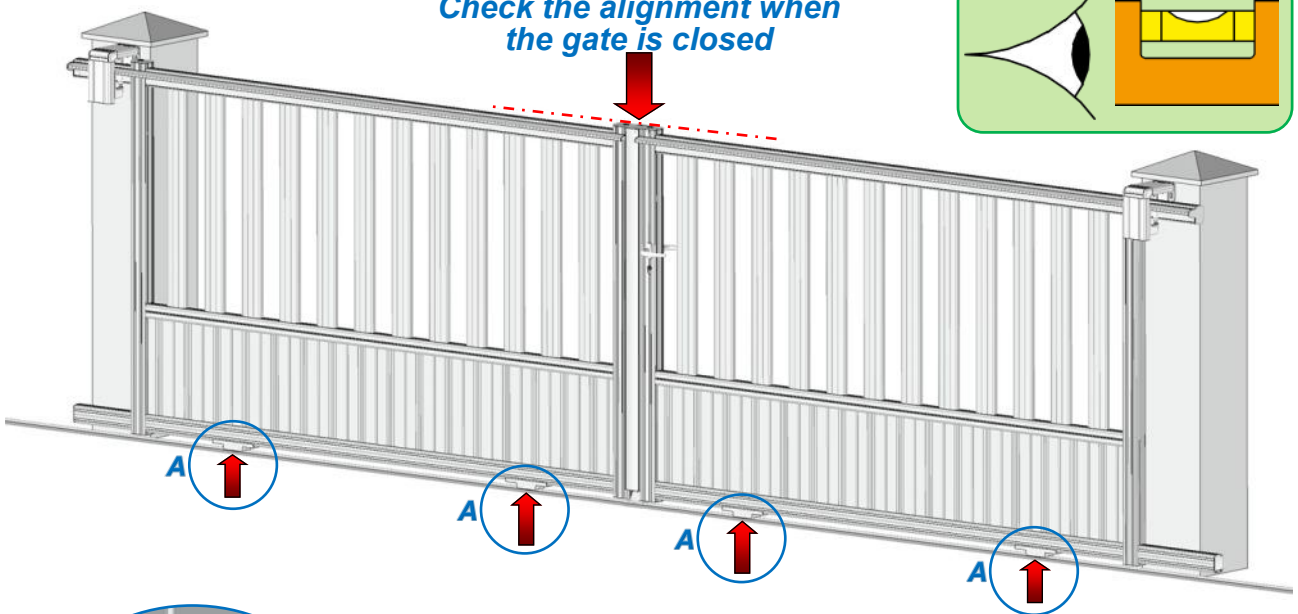
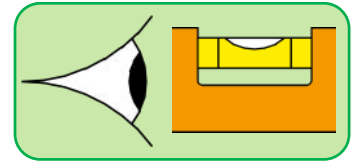


Checking the alignment

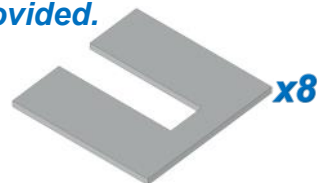
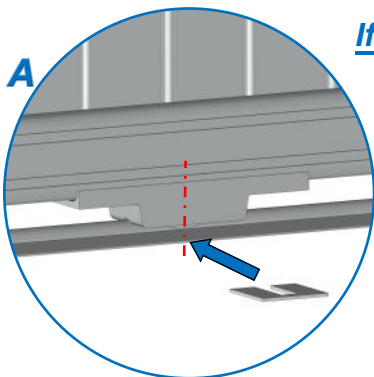


IMPORTANT: To ensure the gates operate correctly, check that the U-section is plumb and the gates are level when closed.

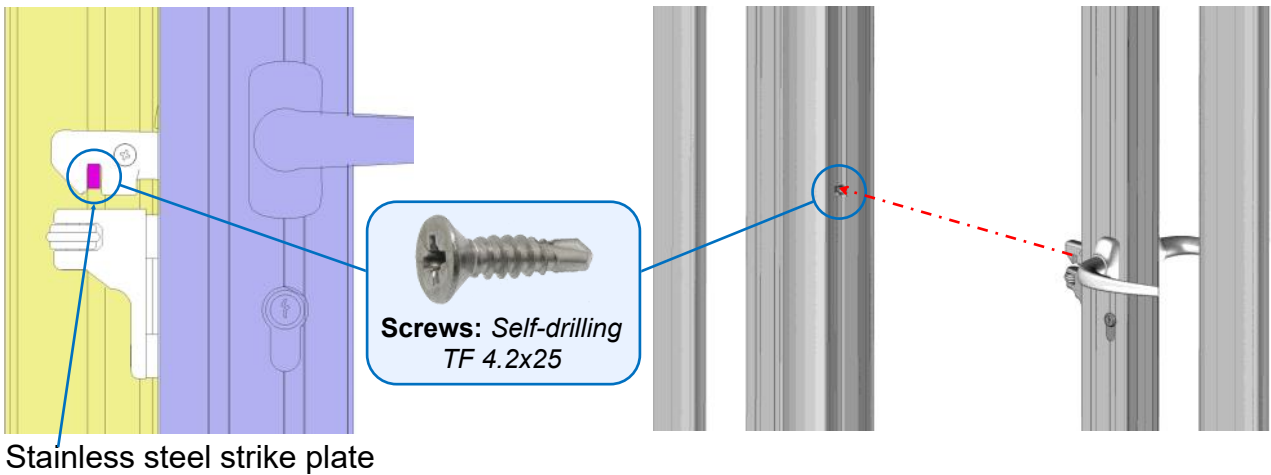
Check the alignment when the gate is closed



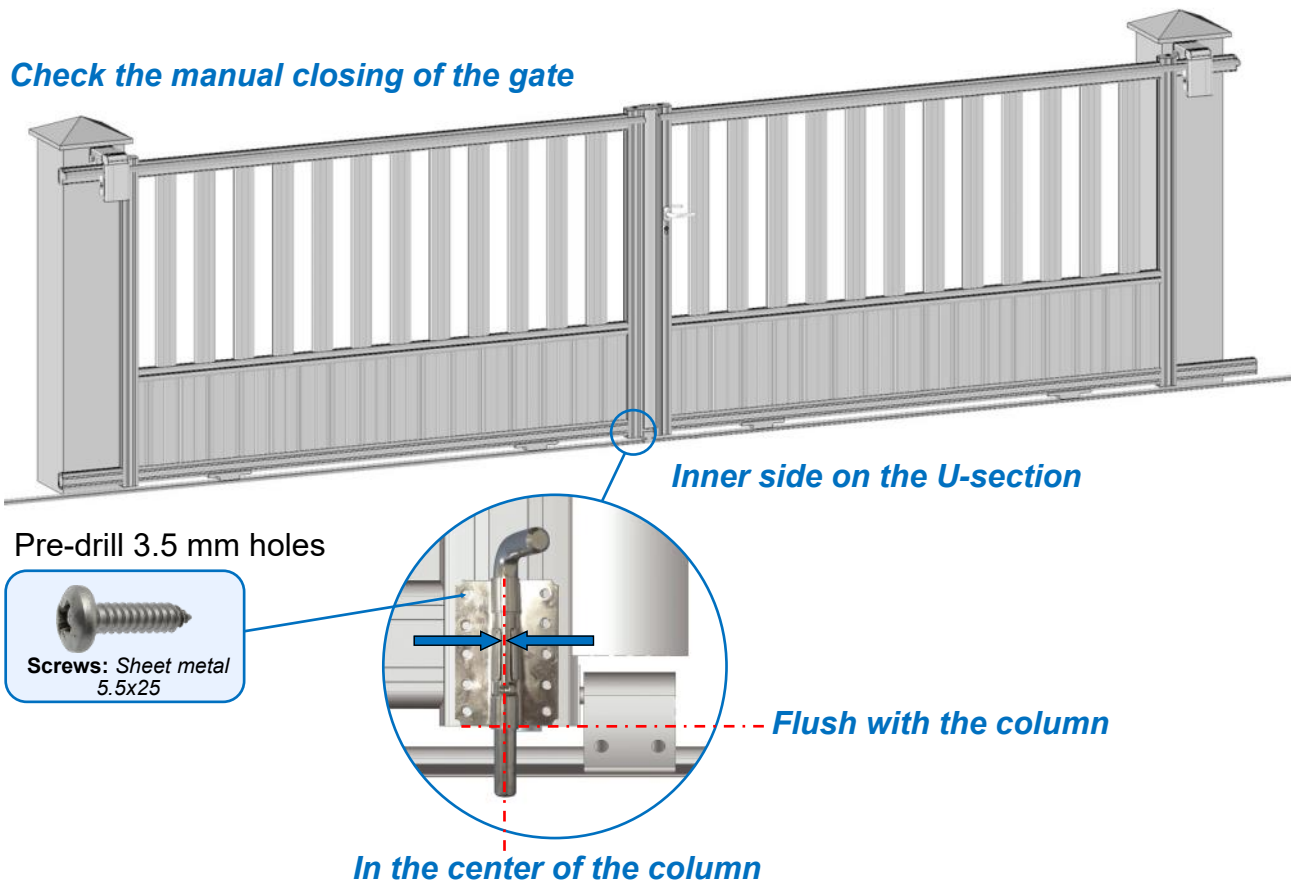
If necessary: Insert shims under the guiding rail near the rollers, shims are provided.



Manual closing



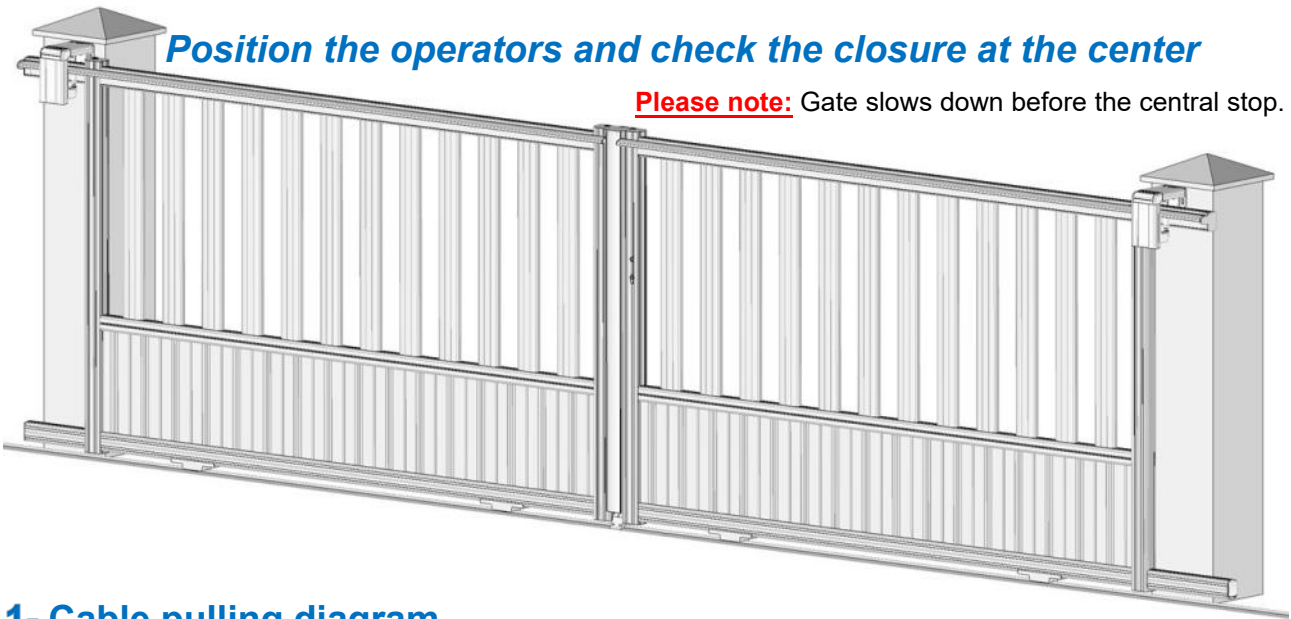
Check the manual closing of the gate



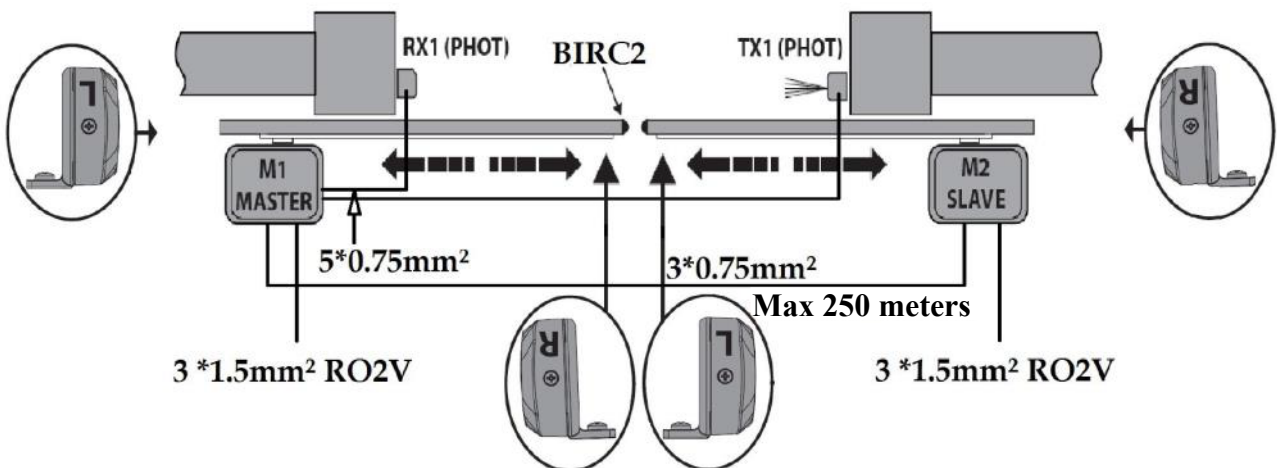
Electric closing

Position the operators and check the closure at the center

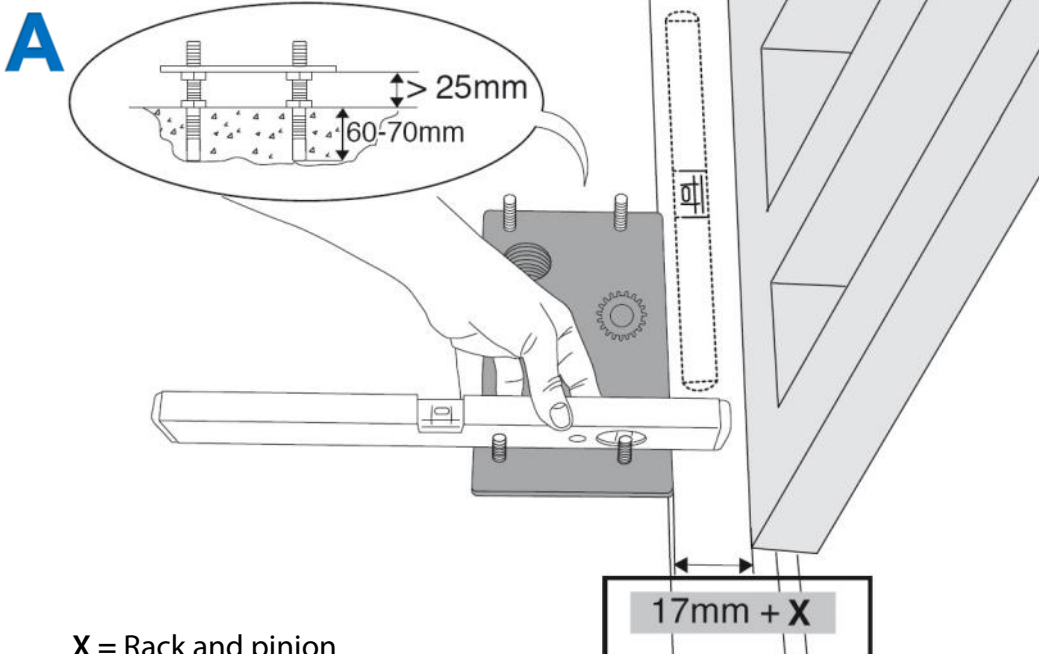
Please note: Gate slows down before the central stop.



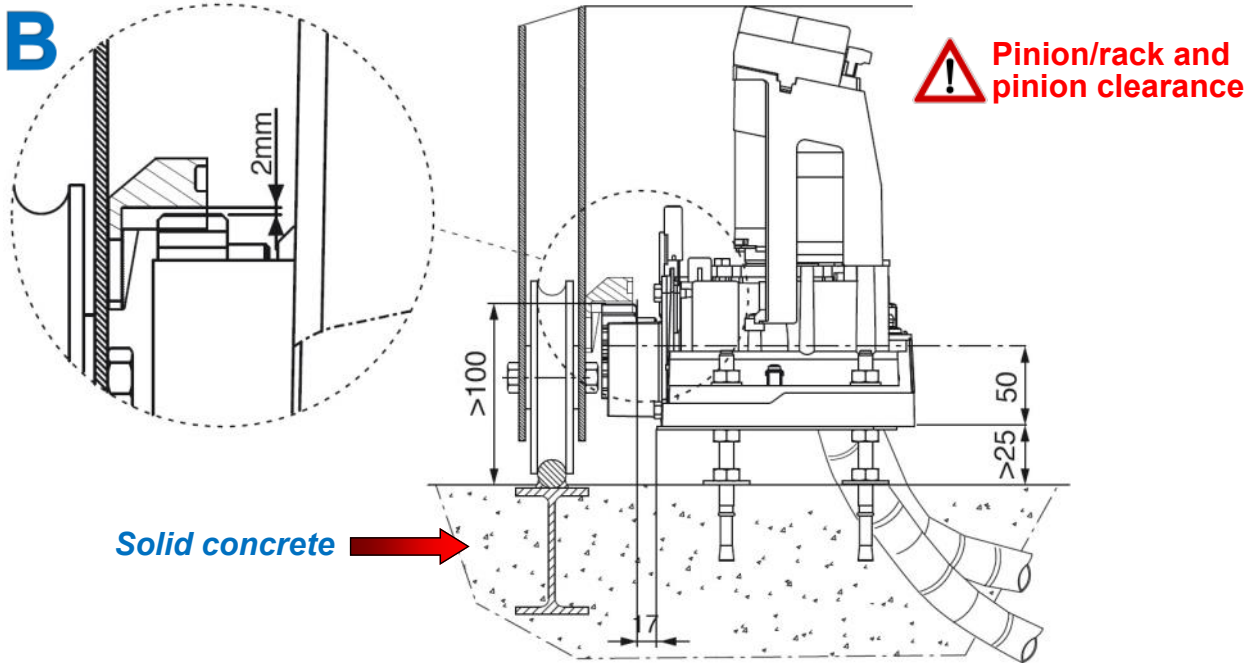
1- Cable pulling diagram



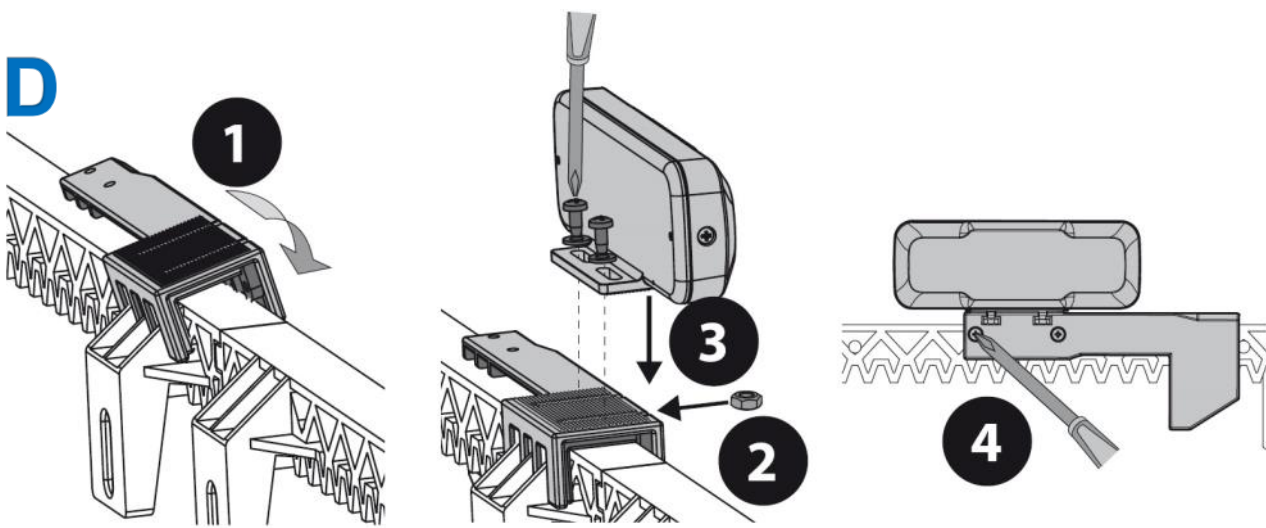
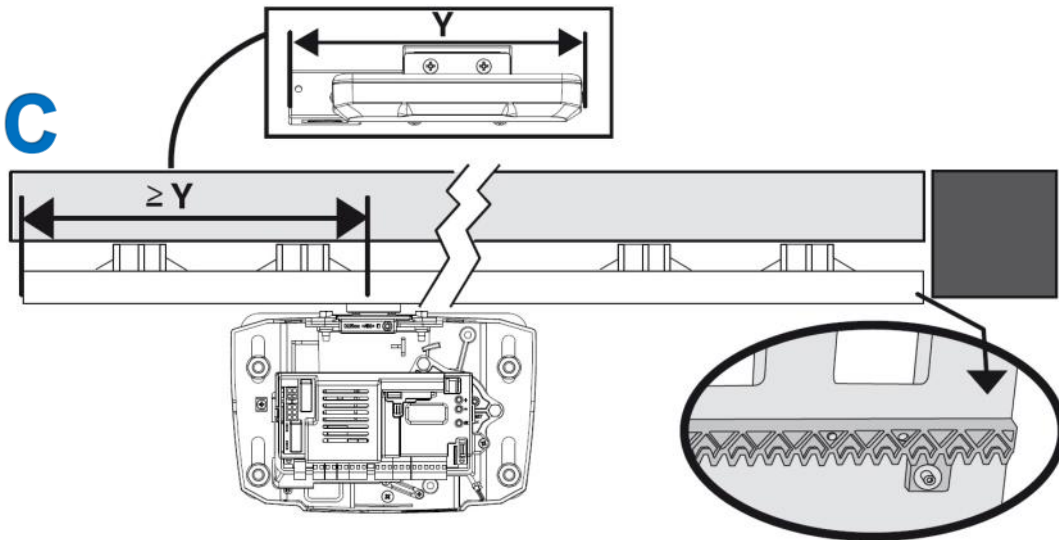
2- Fitting the operator

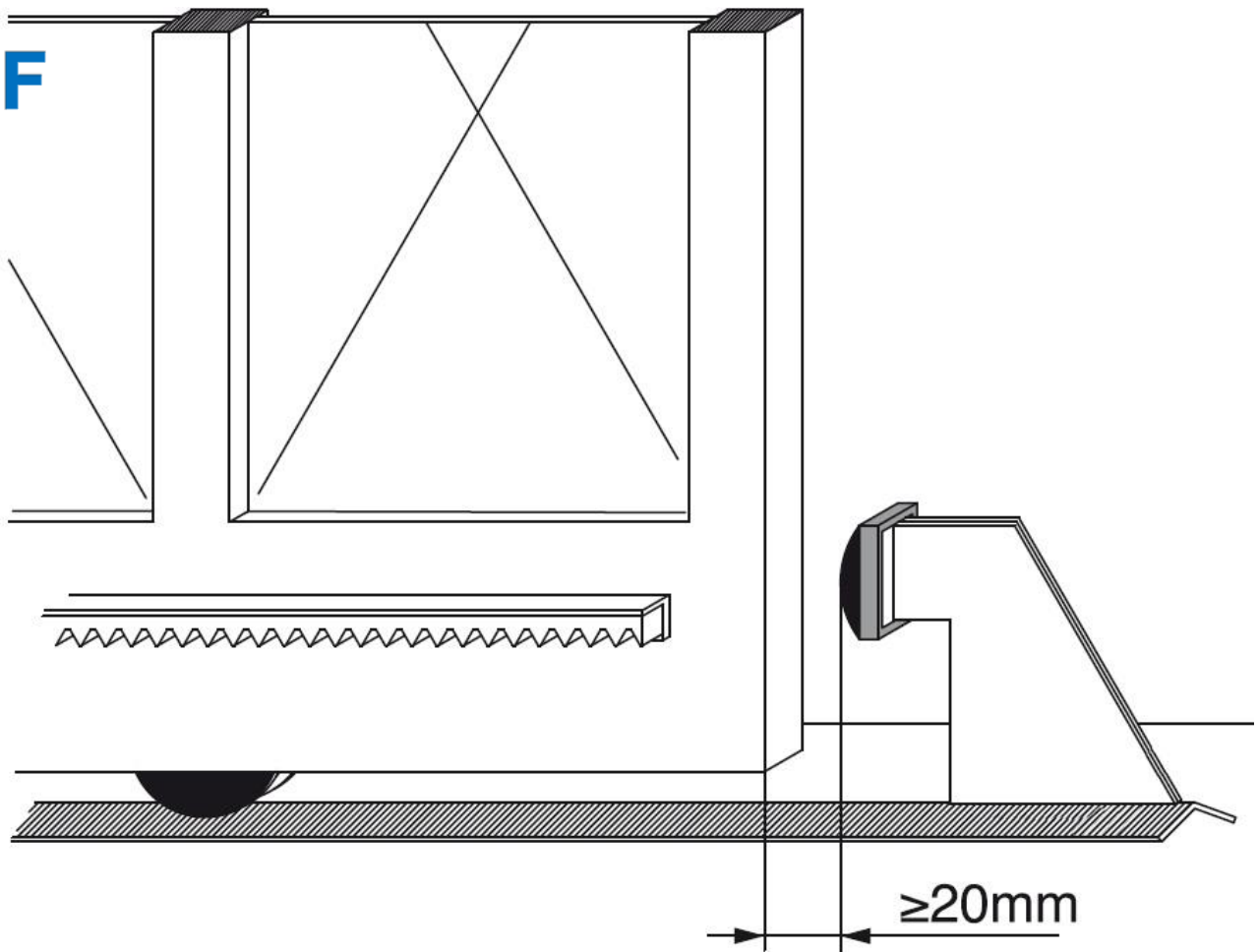
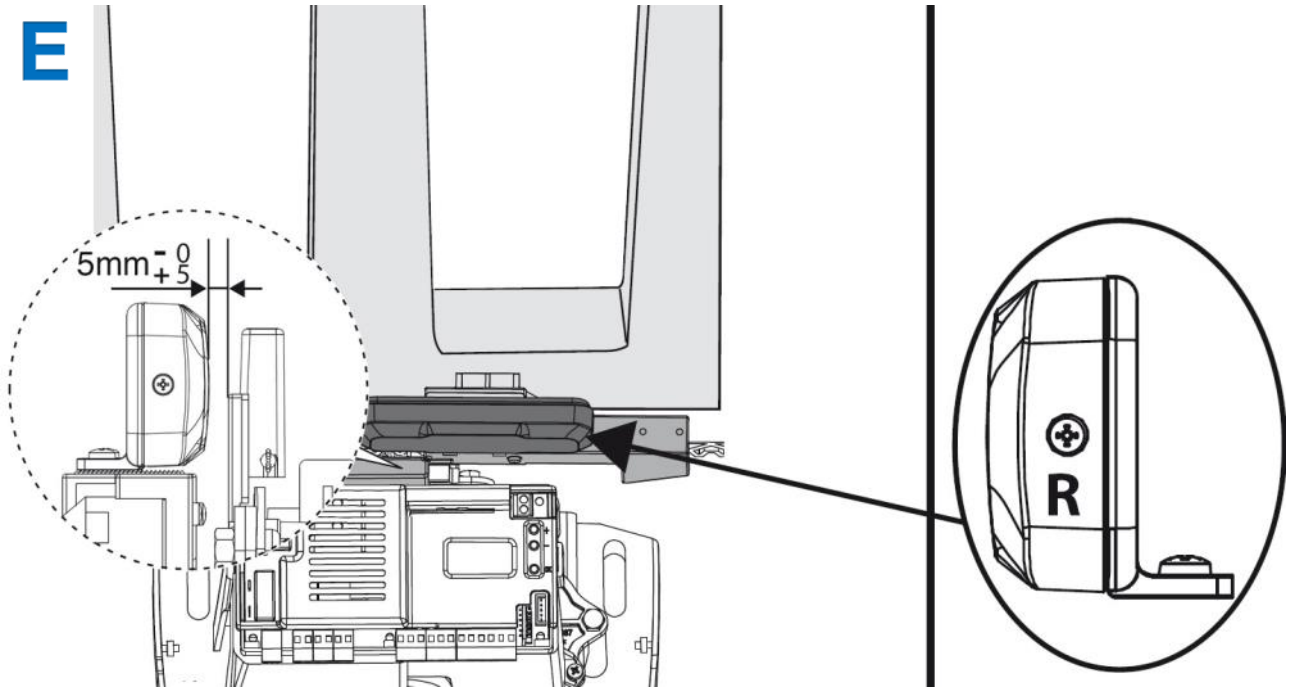


X = Rack and pinion



3- Setting the limit-switches





5- Programming the operators

A- Simple menu: Basic settings



Operator at halfway point and engaged:

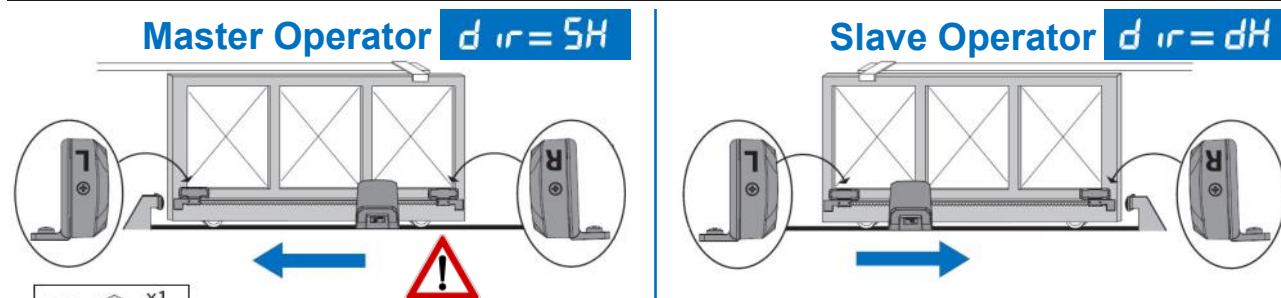
- Turn the operator on
- Press 1 x OK (LANGUAGE appears), press 1 x +/- (ENG English + OK x1 OK).
- Select the direction dir (opening direction) choice of (RGT or LFT) internal view + OK x1 OK.
- Choice of PrESEt (Rr : auto closing) or (Sr : semi-auto closing), select + OK x1 OK.
- Start the autotest with the gate at the halfway point, it will close.

If it is not a closing operation, press + and - at the same time. Reconnect the operator in the correct direction (refer to menu: Direction dir).

- When the autotest is complete, OK will appear on the display.
- Start programming the remote controls: REC REMOTE will appear on the display, wait a moment. Then the screen will display HIDDEN KEY : You can now program your remote controls.

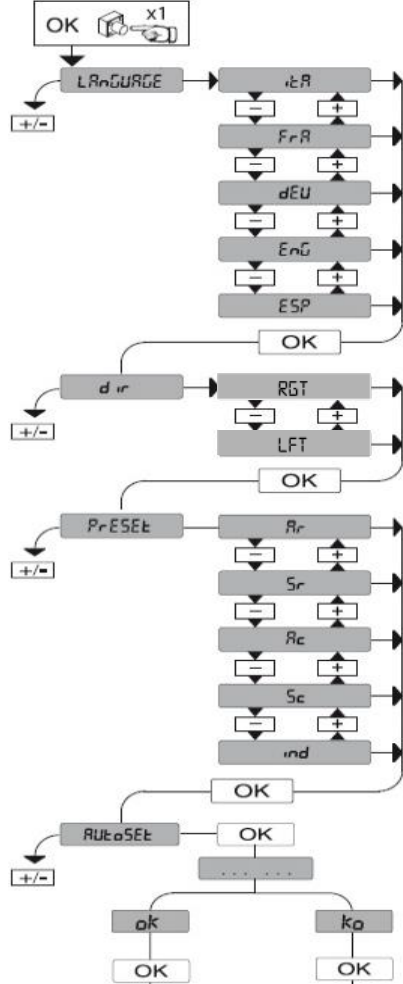
Configure the uplink boards in opposite mode

SERIAL MODE	Serial mode (Indicates how to configure the board in a BFT network connection).	0	0	SLAVE standard: the board receives and gives commands/diagnostics/etc.
		1	1	MASTER standard: the board sends activation commands (START, OPEN, CLOSE, PED, STOP) to other boards.
		2	2	SLAVE opposing sliding leaves in a local network: the board is the slave in a network with opposing leaves without an intelligent module (FIG.R).
		3	3	MASTER opposing sliding leaves in a local network: the board is the master in a network with opposing leaves without an intelligent module (FIG.R).



Please note: The Master operator can be positioned on the right. Program as follows;

- Master operator (on right) → dir = dH
- Slave Master (on left) → dir = SH



RGT: operator installed on the right → dir = dH
LFT: operator installed on the left → dir = SH

SUO: Gate open
SUC: Gate closed

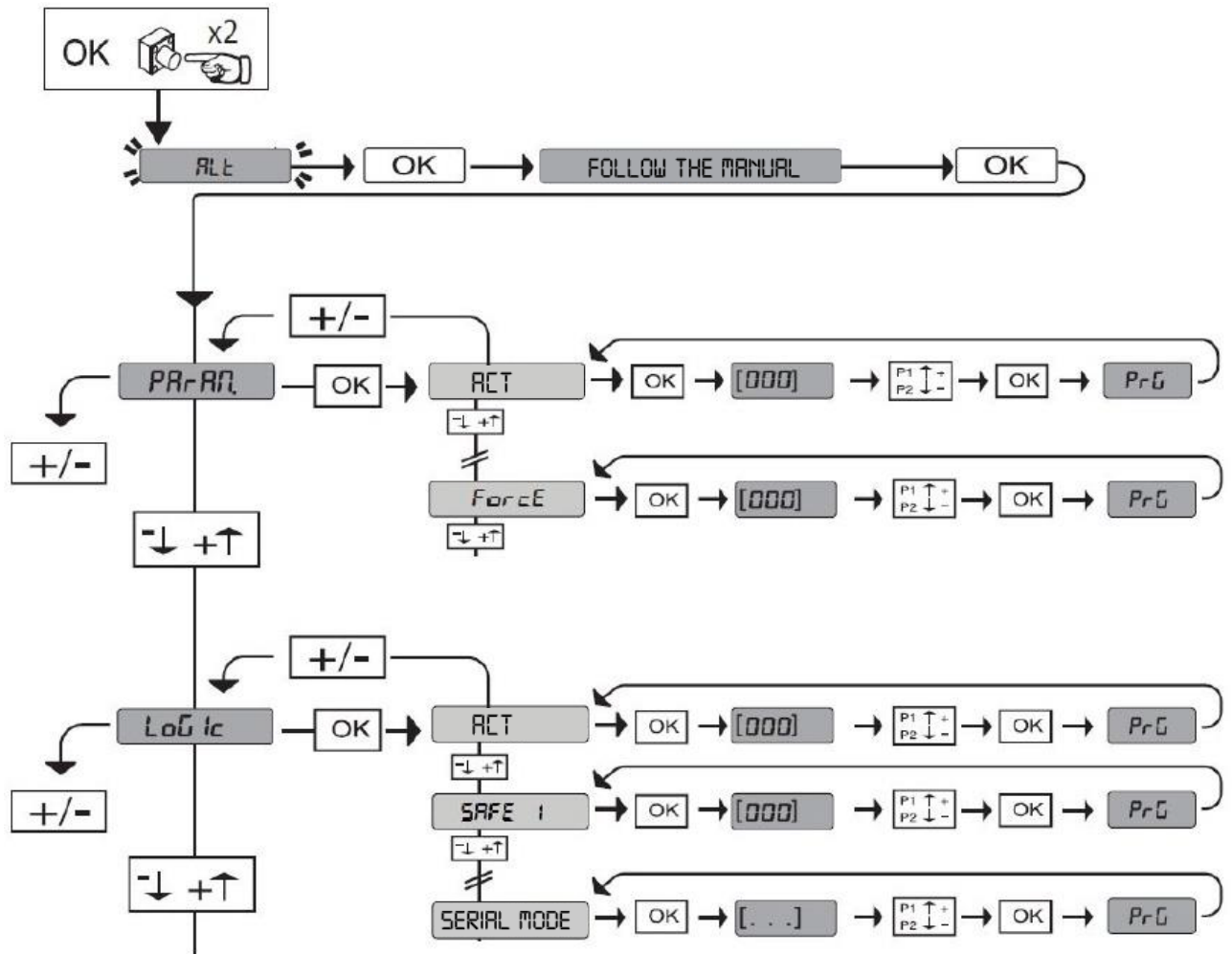
PRESET	DEFAULT	Rr	Sr	Rc	Sc	ind
PARAMETER						
Automatic closing time	40	40	40	40	40	40
LOGICS						
Stepwise movement	0	1	0	1	0	0
Pre-alarm	0	0	0	1	1	0
Individual present	0	0	0	0	0	1
Pulse locking during opening	0	0	0	1	1	0

B- Programming a remote control:

- Access the radio menu radio **rAd lo**.
- Select the required channel (**Adj StArt** total opening) or (**Adj 2ch** for the 2nd channel), then press OK.



6- Advanced programming of the operators



**Serial mode = 3 for the master operator
= 2 for the slave operator**





Adjustment of the automatic closing time: this is only adjustable on the Master operator:

Parameter	Min.	Max.	Default	Personal	Definition	Description
RCT	0	120	10		Automatic closing time(s)	Waiting time before automatic closing

Setting the forces:



It is recommended to add an additional 10%, once the autotest has been completed.

OPEN FORCE	1	99	50		Force of leaf/leaves during opening [%]	Force exerted by the leaf (leaves) during opening. Represents the percentage of force exerted, other than that saved during autoconfiguration (and subsequent updates) before the obstacle alarm is activated. This parameter is automatically configured during autoconfiguration.  CAUTION: This has a direct effect on the force of impact: check that the configured value complies with current safety regulations (*). Install anti-crush safety devices if necessary (**).
CLOSE FORCE	1	99	50		Force of leaf/leaves during closing [%]	Force exerted by the leaf/leaves during closing. Represents the percentage of force exerted, other than that saved during autoconfiguration (and subsequent updates) before the obstacle alarm is activated. This parameter is automatically configured during autoconfiguration.  CAUTION: This has a direct effect on the force of impact: check that the configured value complies with current safety regulations (*). Install anti-crush safety devices if necessary (**).
SLOW OPEN FORCE	1	99	50		Force of leaf/leaves during slow opening [%]	Force exerted by the leaf/leaves during opening at slow speed*. Represents the percentage of force exerted, other than that saved during autoconfiguration (and subsequent updates) before the obstacle alarm is activated. This parameter is automatically configured during autoconfiguration.  CAUTION: This has a direct effect on the force of impact: check that the configured value complies with current safety regulations (*). Install anti-crush safety devices if necessary (**).
SLOW CLOSE FORCE	1	99	50		Force of leaf/leaves during slow closing [%]	Represents the percentage of force exerted, other than that saved during autoconfiguration (and subsequent updates) before the obstacle alarm is activated. This parameter is automatically configured during autoconfiguration.  CAUTION: This has a direct effect on the force of impact: check that the configured value complies with current safety regulations (*). Install anti-crush safety devices if necessary (**).

Activation/Deactivation of automatic closing:

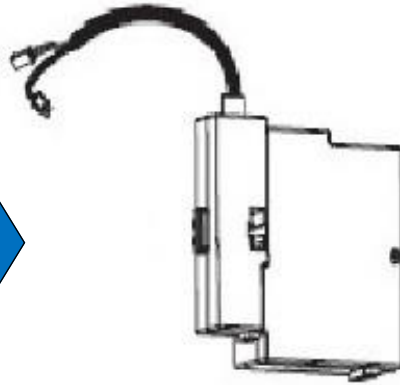
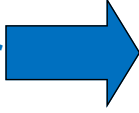
Logic	Definition	Default	Indicate the configured setting	Options
RCT	Automatic closing time	0	0	Logic not activated
			1	Activates automatic closing

Activates the cell, during closing only:

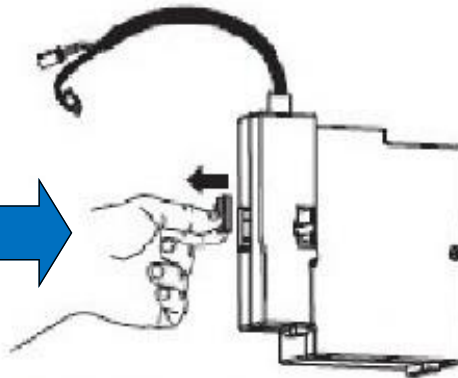
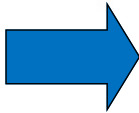
SAFE 1	Configuration of the safety input SAFE 1.72	5	0	Input configured as Phot, photocell.
			1	Input configured as Phot test, photocell.
			2	Input configured as Phot op., photocell active during opening only.
			3	Input configured as Phot op. test, photocell tested active during opening only.
			4	Input configured as Phot cl, photocell active during closing only.
			5	Input configured as Phot cl test, tested photocell active during closing only.

7- Installing the Battery Kits

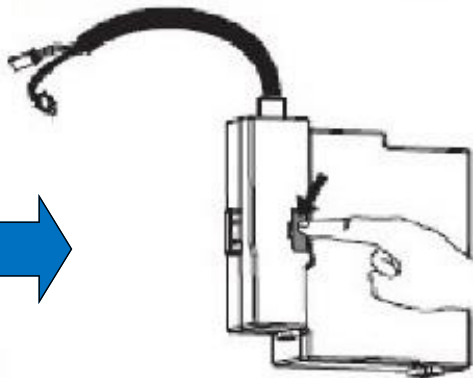
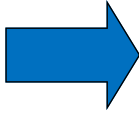
Turn off the power



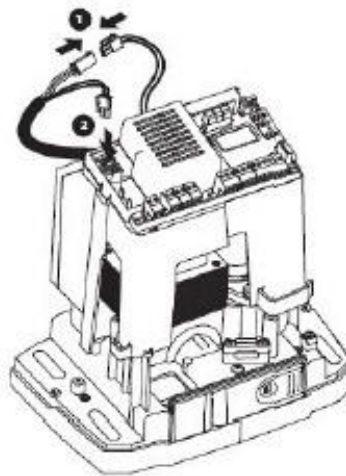
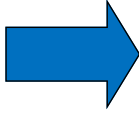
Remove the fuse



Put the fuse in place



Turn the power back on



8- Error table

Diagnostic code	Description	Comments
StRE	START E External start input activation	
StRI	START I Internal start input activation	
oPEn	OPEN input activation	
cLS	CLOSE input activation	
PEd	PED Pedestrian input activation	
tME	TIMER input activation	
StoP	STOP input activation	
Phot	PHOT Photocell input activation	
PhoP	PHOT OP Photocell during opening input activation	
PhcL	PHOT CL Photocell during closing input activation	
bARr	BAR Header input activation	
bARr 2	BAR header on slave operator input activation (opposing leaves connection)	
SWC	SWC operator close limit-switch Input activation	
SWO	SWO operator open limit-switch Input activation	
SEt	The board waits to perform a full opening-closing maneuver without being interrupted by the intermediate stops, in order to obtain the torque required for movement. CAUTION! The obstacle detection function is not activated.	
Er01	Photocell test error	Check the photocell connection and/or the logic configurations
Er02	Header test error	Check the header connection and/or the logic configurations
Er03	Open photocell test error	Check the photocell connection and/or the logic parameter configurations
Er04	Close photocell test error	Check the photocell connection and/or the logic parameter configurations
Er05	Header on slave operator test error (opposing leaves connection)	Check the photocell connection and/or the logic parameter configurations
Er06	8k2 Header test error	Check the photocell connection and/or the logic parameter configurations
Er1H*	Board hardware test error	- Check the operator connection - Hardware problem with the board (contact Customer Services)
Er3H*	Reverse due to obstacle - Amperostop	Check for any potential obstacles in the gate's path
Er5H*	Communication error with remote devices	Check the connections with the accessory devices and/or the expansion boards with serial connection
Er7H*	Internal checking error of supervision system	Try turning the board on and off. If the problem persists, contact Customer Services.
ErFH*	Limit-switch error	Check the limit-switch connection

Please note: If you require more information on the operators;
Refer to the supplier's manual found in the operator pack.

