



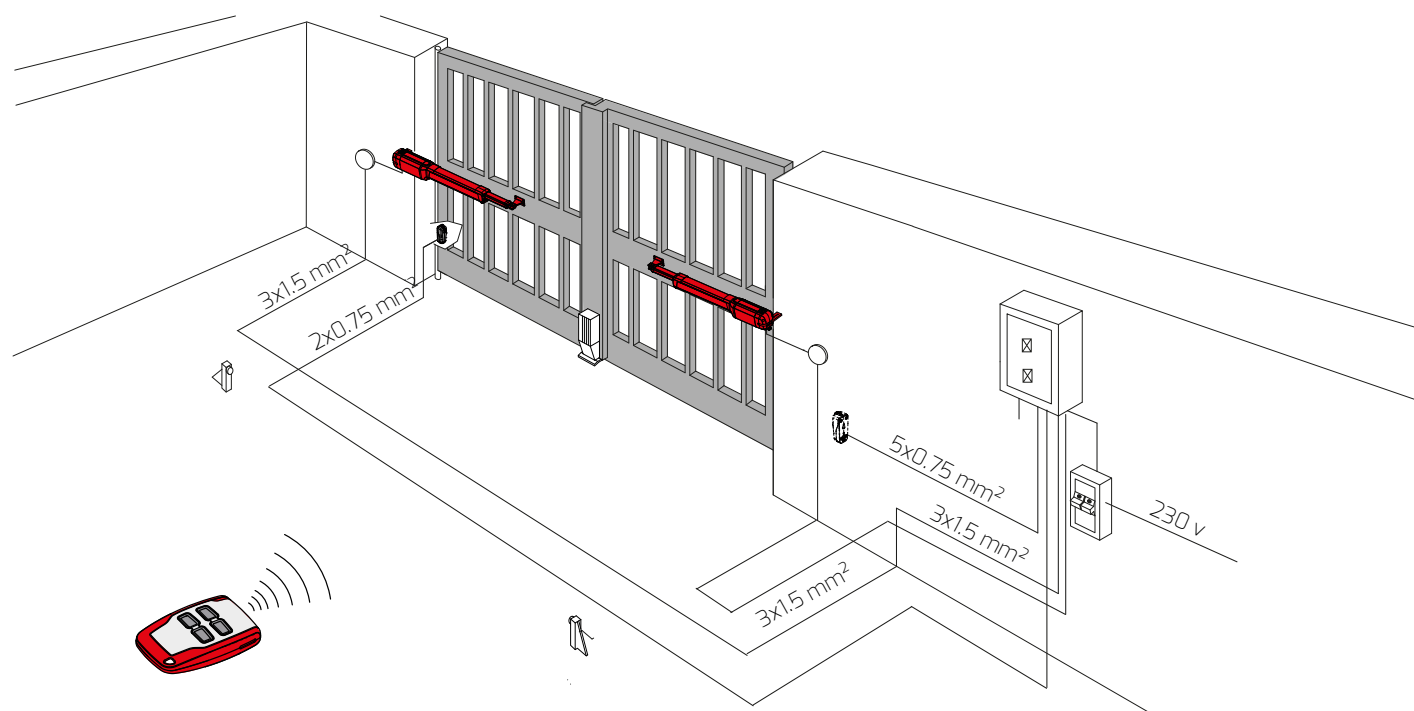
KUSTOS BT A25

FW ≥ 2.05

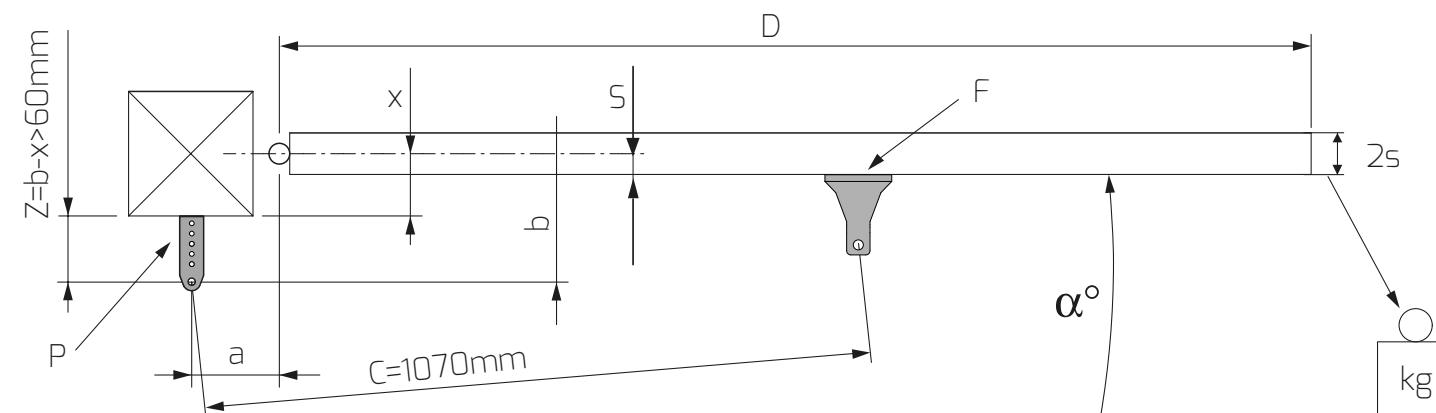
1 Cable run



Use normalised black cables
R02V - H05VVF

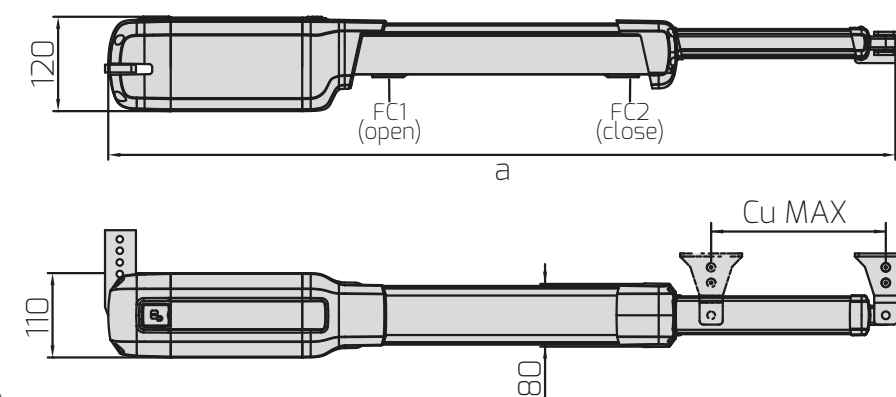


2 Motor fastening



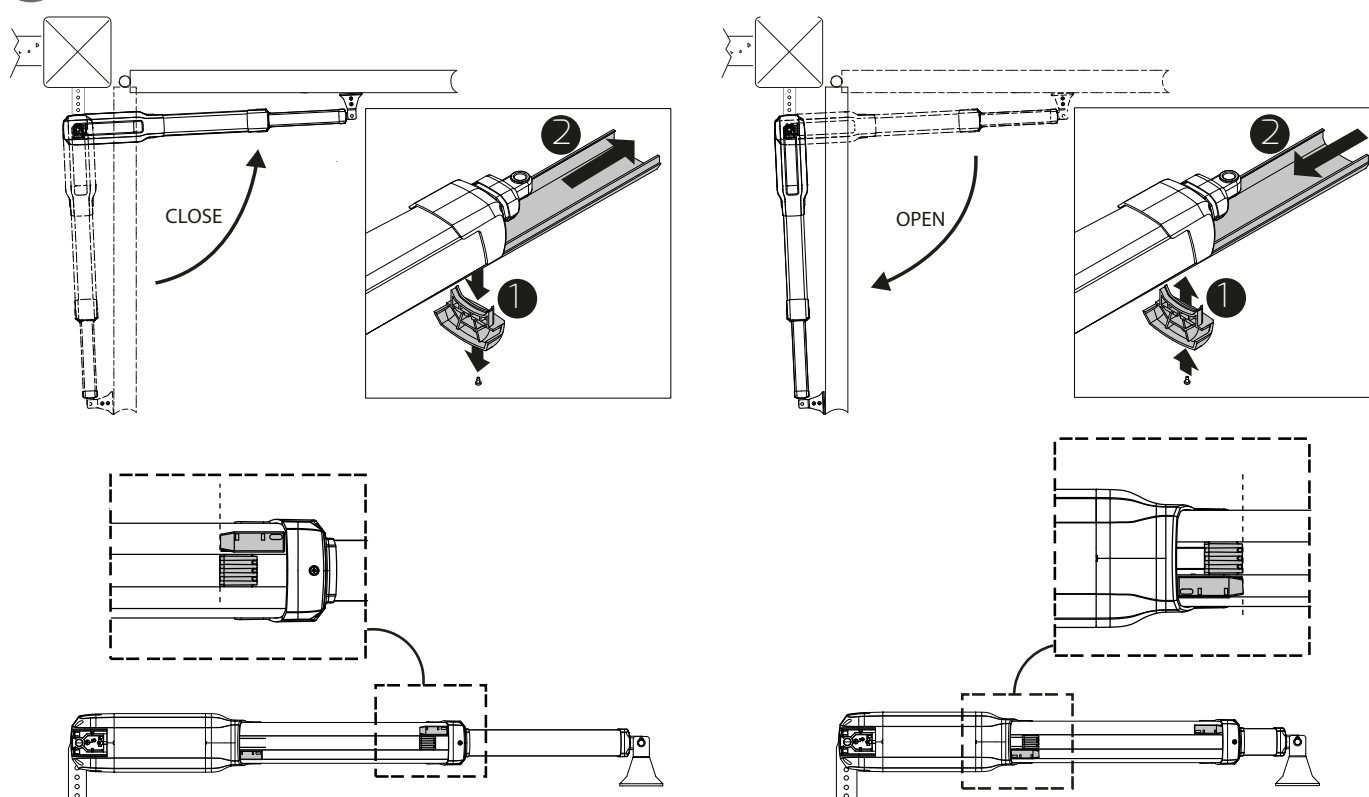
KUSTOS BT A25	
S (mm)	b (mm)
20	100 ÷ 120
30	100 ÷ 130
40	100 ÷ 140
50	100 ÷ 150

b \ a	100	110	120	130	140	150	160	170	180	190	200
100				114	118	110	104	100	96	93	
110			108	112	110	103	97	96	92		
120		103	107	110	105	99	96	92			
130	99	102	106	109	101	96	92				
140	98	101	103	102	96	92					
150	97	100	100	95	92						
160	97	100	97	92							
170	96	97	92								
180	96	92									
190	92										
200											
210											α°



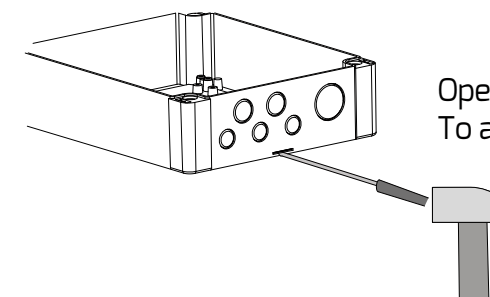
KUSTOS BT A25	a	Cu Max
	1090	250

3 Limit switch adjustment (put motor in gear by moving the panel by hand)



Adjust the limit switches and the stops according to the diagrams, open/closed position.
If necessary, fine-tune the adjustments to be performed upon completion of installation.

4



Open the pre-hole for air passage.
To avoid insects, use a gable gland.

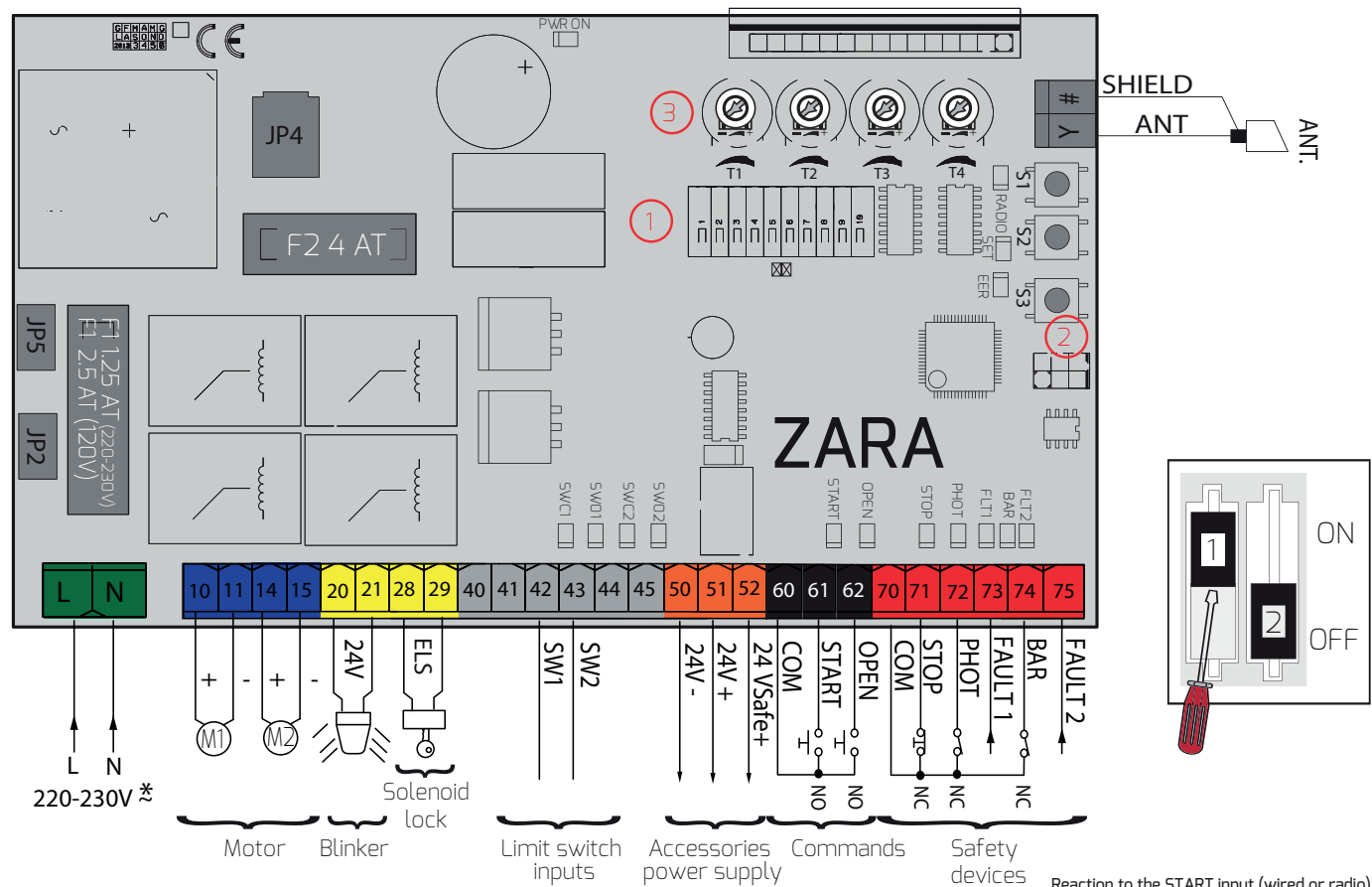
5

Programming (see reverse)



For safety warnings, please see complete instruction manual

Zara Control board



DIP	Function	
1	Transmitter programming	ON: Memorise the commands/copy via remote controls already recorded. OFF: Disables memorizing of transmitters
2	Selection of sensing bars.	ON: Input for resistive edge BK2. OFF: Entry for sensitive lintel.
3	Check photocells.	ON: Enable safety check OFF: Deactivate the cell check.
4	Secure entry check.	ON: Enable safety check OFF: Deactivate the sensing check.
5	Photocells during closing	ON: Invert the movement during the closure phase only. OFF: Active on opening and closing; invert the movement during the closure phase.
6	Safety edge input operation	ON: Safety edge with active reversal only when closing, when opening the movement stops OFF: Safety edge with active reversal in both directions
7	Fast closure.	ON: Closes 3 seconds after the photocells are cleared OFF: Fast closure deactivated.
8	Residential / apartment building operation	Sets the automation type of operation: ON = Apartment building OFF = Residential
9	Hammer during opening	ON: Before opening completely, the gate pushes for approx. 2 seconds as it closes. This allows the solenoid lock to be released more easily. IMPORTANT - Do not use this function if suitable mechanical stops are not in place. OFF: Logic not enabled
10	Closing limit switch pressure	ON: Use when there is a mechanical stop in closed position. This function allows leaves to press against the mechanical stop without the Amperostop sensor interpreting this as an obstacle. Thus the rod continues its stroke for a few seconds after meeting the closing limit switch or as far as the mechanical stop. In this way, the leaves come to rest perfectly against the stop by allowing the closing limit switches to trip slightly earlier. OFF: Movement is stopped only when the closing limit switch trips; in this case, the tripping of the closing limit switch must be adjusted accurately

KEYS	Description
S1	Add Start Key associates the desired key with the Start command.
S2	Add Pedestrian Key associates the desired key with the pedestrian command.
S2 >5s	Confirms the changes made to parameter settings and operating
S1+ S2 >10s	Erase List WARNING! Erases all memorized transmitters from the receiver's memory.
S3	Pressed BRIEFLY, it gives the START command. HELD DOWN (>5 sec.), it activates the AUTOSET function.

TRIMMER	Function	mini	maxi
T1	Waiting time before automatic closing.	0	120
T2	% Force exerted by leaf	10	100
T3	% Slow-down speed	5	50
T4	Motor 1 closing delay time [s]	0	25
	NOTE: set 0 for single motor operations (leaf 1).	0	0

*factory pre-parameterised

Reaction to the START input (wired or radio):

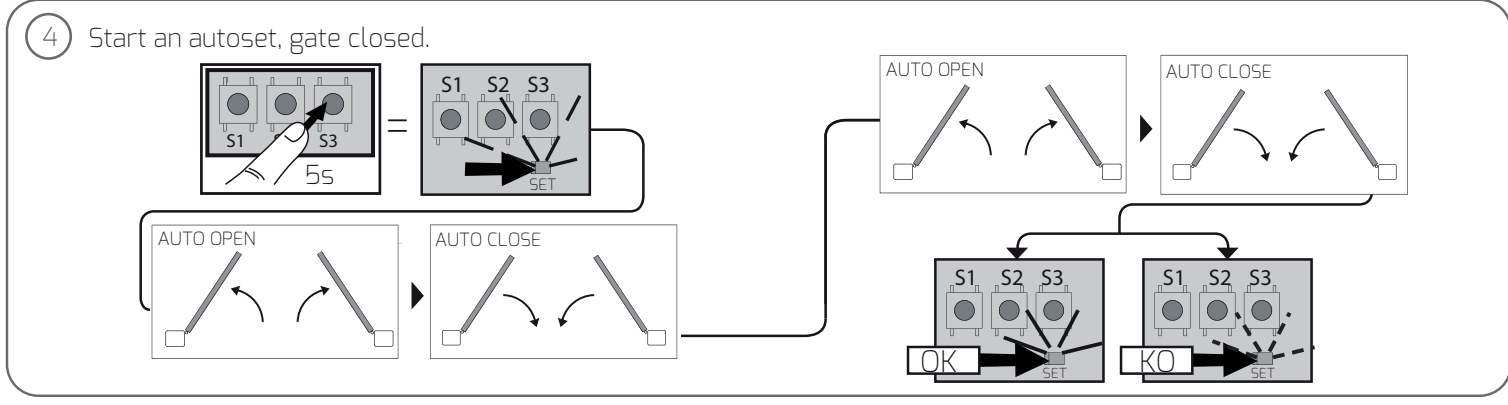
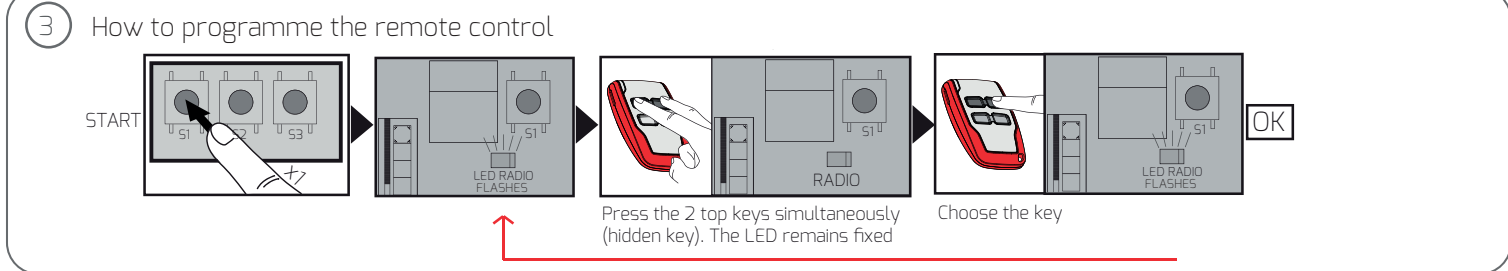
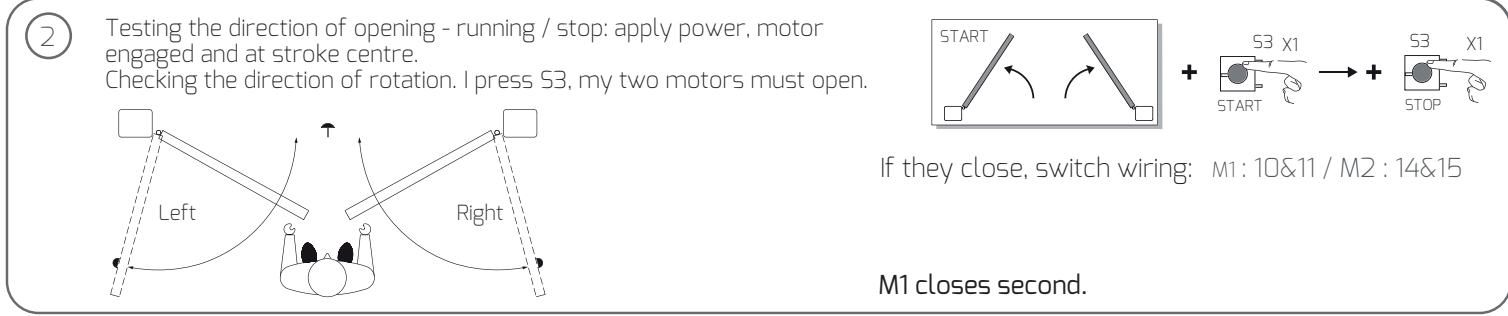
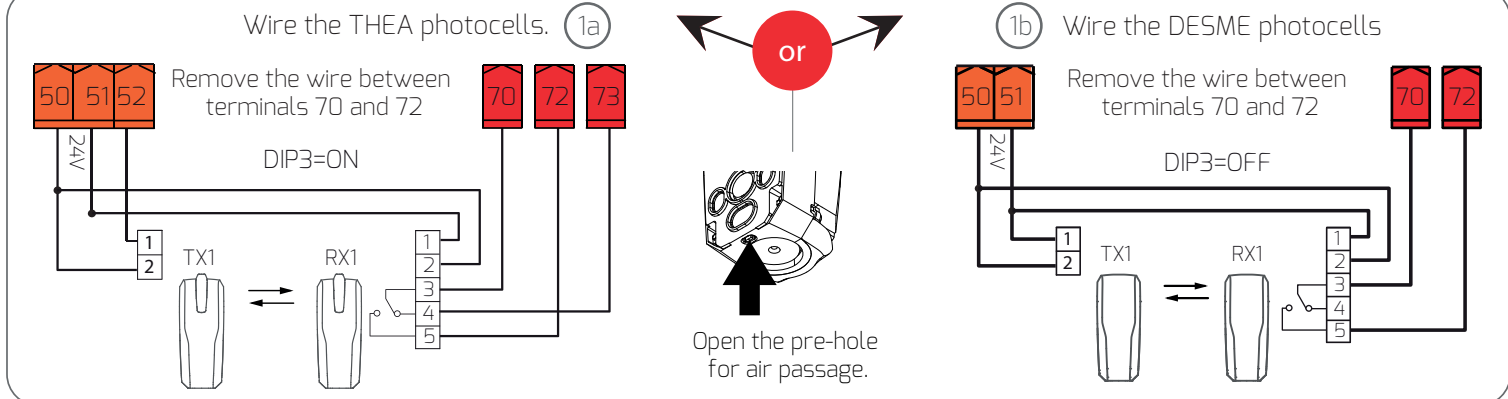
	Residential	Apartment building
CLOSED	Opens	Opens
WHILE CLOSING	Stops	Opens
OPEN	Closes	Closes
WHILE OPENING	STOPS+TCA	No effect
AFTER STOP	Opens	Opens

Reaction to the OPEN input (wired):

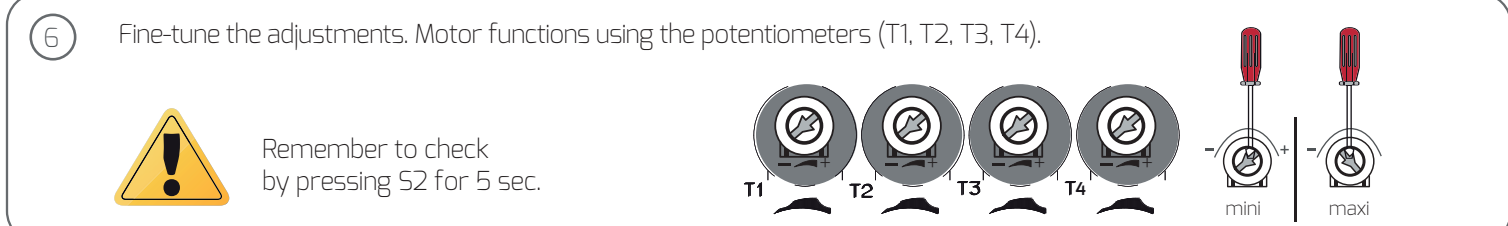
	Residential	Apartment building
CLOSED	Opens	Opens
WHILE CLOSING	Opens	Opens
OPEN	No effect	No effect
WHILE OPENING	Keeps it open	Keeps it open
AFTER STOP	Opens	Opens

Reaction to the PEDESTRIAN input (radio):

	Residential	Apartment building
CLOSED	Opens partially	Opens partially
WHILE CLOSING	Stops	Opens partially
OPEN	Closes	Closes
WHILE OPENING	STOPS+TCA	No effect
AFTER STOP	Opens partially	Opens partially



5 How to perform an open/close test by using the remote control.



As an option, to go further....

1 - I wish to deactivate the photocells during opening: Place dipswitch 5 in the ON position.

2 - I wish to activate and adjust automatic closure: This is done by regulating the T1 potentiometer.

3 - I wish to activate pedestrian opening: Please refer to the remote control programming by pressing S2.

4 - I wish to adjust the time difference between M1 & M2: This is done by regulating the T4 potentiometer.