

- TERMINAL BLOCK:**
1. START N.O.
 2. STOP N.C.
 3. EXTERNAL PHOTOCELL N.C.
 4. INTERNAL PHOTOCELL N.C.
 5. CLOSING LIMIT SWITCH N.C./N.O.
 6. OPENING LIMIT SWITCH N.C./N.O.
 7. PEDESTRIAN N.O.
 8. +VDC / COMMON
 9. PHOTOCELLS TEST
 10. GND
 - 11.12. FLASHING LAMP
 13. MOTOR CLOSE
 14. MOTOR COMMON
 15. MOTOR OPEN
 - 20.X.19. 230 VAC
- DIP-SWITCHES:**
- 1.2. MOTOR POWER
 3. SLOW DOWN
 4. SOFT START
 5. PEDESTRIAN WORKING TIME
 6. TESTS
 - 7.8. MODES
 9. LIMIT SWITCHES
 10. DISABLE NOT WIRED N.C. INPUTS
 11. START AND PEDESTRIAN / OPEN AND CLOSE
 12. MOTOR BRAKE

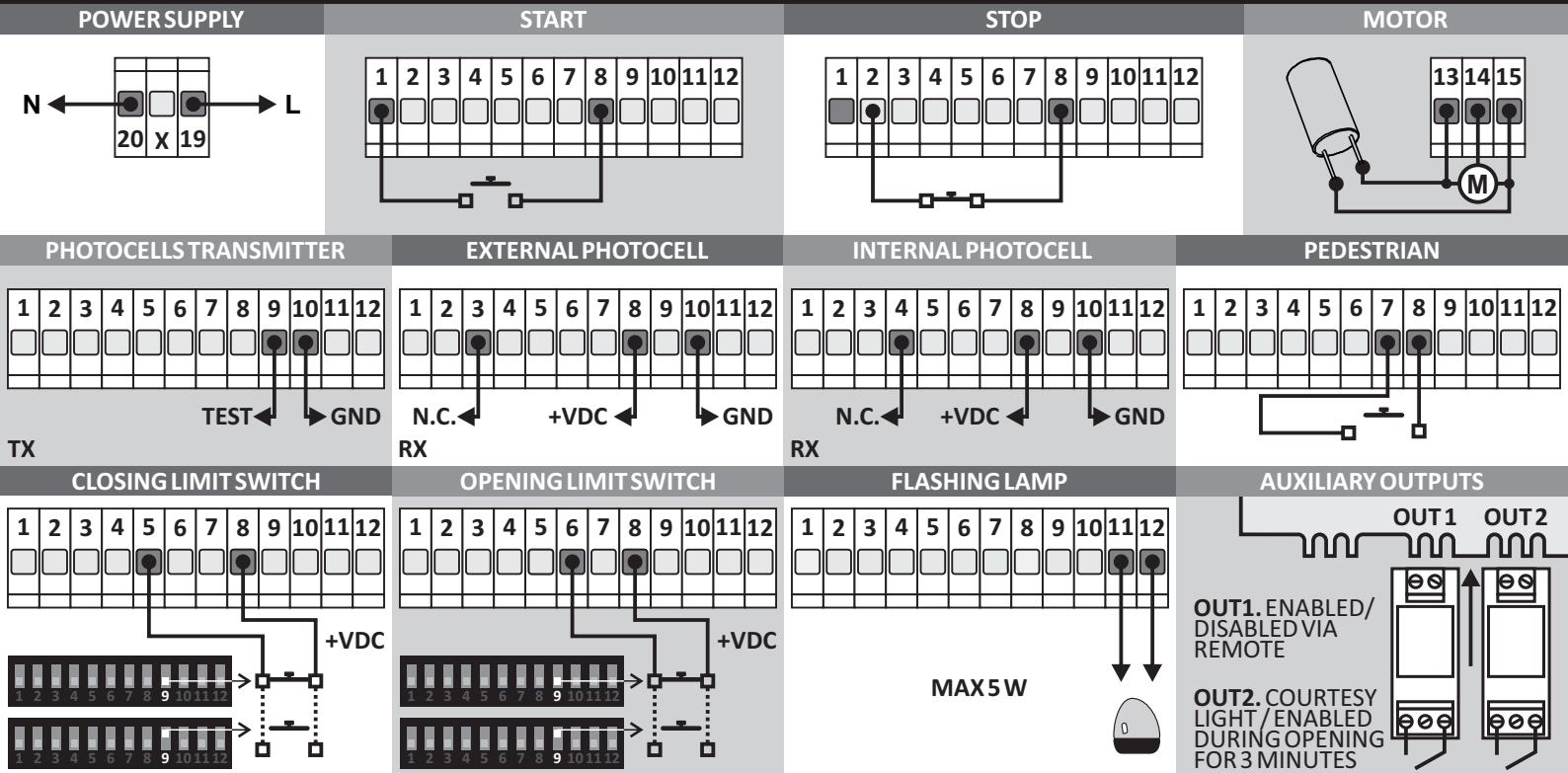
- BOARD STATUS:**
- S1 S2 S3 STAND BY, GATE CLOSED
 - GATE IN OPENING OR CLOSING PHASE, GATE OPEN
 - CONTROL BOARD IN PROGRAMMING PHASE
 - PHOTOCELLS TEST ERROR
 - MOTOR TEST ERROR: CONNECTION ERROR OR MOTOR OVERHEATING
 - PROGRAMMING ERROR

- LEDs:**
- S1.S2.S3. CONTROL BOARD STATUS LEDs
 - RC1.RC2.R1.R2.R3.R4. RADIO LEDs
 - RC1. SHOWS THAT A SIGNAL HAS BEEN RECEIVED FROM THE INTERNAL RADIO
 - RC2. SHOWS THAT A SIGNAL HAS BEEN RECEIVED FROM THE EXTERNAL RADIO
 - R1.START: INDICATES THAT A START BUTTON ON THE REMOTE HAS BEEN PRESSED
 - R2.STOP: INDICATES THAT A STOP BUTTON ON THE REMOTE HAS BEEN PRESSED
 - R3. PEDESTRIAN: SHOWS THAT A START PEDESTRIAN BUTTON ON THE REMOTE HAS BEEN PRESSED
 - R4. OUT1 ON/OFF: SHOWS THAT A OUT1 BUTTON ON THE REMOTE HAS BEEN PRESSED
 - A. C. PROGRAMMING LEDs
 - 1.2.3.4.5.6.7. INPUT LEDs

- AUXILIARY OUTPUTS:**
- OUT1. ENABLED/DISABLED VIA REMOTE (R4)
 - OUT2. COURTESY LIGHT / ENABLED DURING OPENING FOR 3 MINUTES

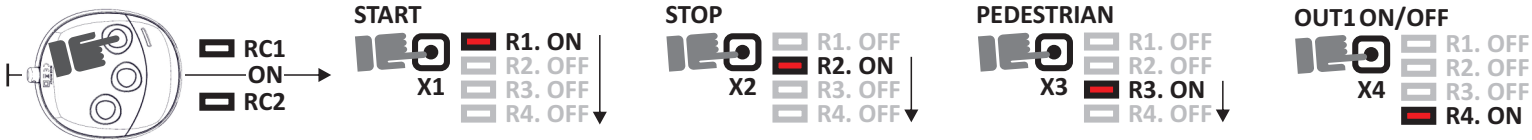
DIP 1 OFF / DIP 2 OFF		DIP 1 ON / DIP 2 OFF		MOTOR POWER		DIP 1 OFF / DIP 2 ON		DIP 1 ON / DIP 2 ON	
40%		60%		80%		100%			
DIP 3 OFF		SLOW DOWN		DIP 3 ON		ENABLED.		THE MOTOR WORKS AT THE MAXIMUM POWER (100%) DURING THE SLOW PHASE.	
DISABLED									
DIP 4 OFF		SOFT START		DIP 4 ON		ENABLED.		1.2. SECONDS. THE MOTOR POWER INCREASES GRADUALLY TILL IT REACHES ITS MAX VALUE.	
DISABLED.									
THE MOTOR STARTS AT THE POWER LEVEL SET BY DIP 1 AND DIP 2.									
DIP 5 OFF		PEDESTRIAN WORKING TIME		DIP 5 ON		6 SECONDS		12 SECONDS	
DIP 6 OFF		TESTS		DIP 6 ON		MOTOR TEST AND PHOTOCELLS TEST DISABLED		MOTOR TEST AND PHOTOCELLS TEST ARE PERFORMED BEFORE ANY GATE MOVEMENT	
DIP 7 OFF / DIP 8 OFF		DIP 7 ON / DIP 8 OFF		MODES		DIP 7 OFF / DIP 8 ON		DIP 7 ON / DIP 8 ON	
AUTOMATIC CLOSURE		COMMUNITY MODE + AUTOMATIC CLOSURE		STEP-BY-STEP MODE		STEP-BY-STEP MODE + AUTOMATIC CLOSURE			
DIP 9 OFF		LIMIT SWITCHES		DIP 9 ON		N.C. LIMIT SWITCHES CONTACT NORMALLY CLOSE		N.O. LIMIT SWITCHES CONTACT NORMALLY OPEN	
DIP 10 OFF		DISABLE NOT WIRED N.C. INPUTS		DIP 10 ON		N.C. INPUTS ENABLED		NOT WIRED NC INPUTS DISABLED. WHEN A N.C. INPUT IS WIRED, IT IS AUTOMATICALLY ENABLED	
DIP 11 OFF		START AND PEDESTRIAN / OPEN AND CLOSE		DIP 11 ON		TERMINAL 1: START FUNCTION		TERMINAL 1: OPEN FUNCTION	
TERMINAL 7: PEDESTRIAN FUNCTION						TERMINAL 7: PEDESTRIAN FUNCTION		TERMINAL 7: CLOSE FUNCTION	
DIP 12 OFF		MOTOR BRAKE		DIP 12 ON		DISABLED		ENABLED. MOTOR BRAKE ON FOR 0.2 SECONDS IF GATE REACHES LIMIT SWITCH WITHOUT SLOWING DOWN.	

TERMINAL BLOCK CONNECTIONS



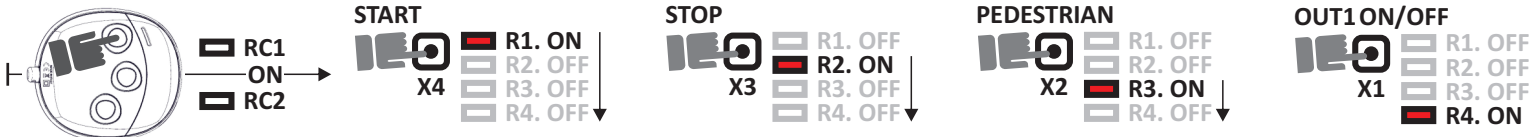
MEMORIZE A REMOTE

PRESS AND HOLD THE DESIRED BUTTON ON THE REMOTE, SIMULTANEOUSLY PRESS **ONCE** THE **REMOTE BUTTON** ON THE CONTROL BOARD TO MEMORIZE THE **START** FUNCTION, PRESS **TWICE** THE **REMOTE BUTTON** ON THE BOARD TO MEMORIZE THE **STOP** FUNCTION, PRESS **THREE** TIMES THE **REMOTE BUTTON** ON THE BOARD TO MEMORIZE THE **PEDESTRIAN** FUNCTION, PRESS **FOUR** TIMES THE **REMOTE BUTTON** ON THE BOARD TO MEMORIZE THE **OUT1 ON/OFF** FUNCTION. THE CORRESPONDING LED (R1-START, R2-STOP, R3-PEDESTRIAN, OR R4-OUT1) WILL BE STEADY ON TO CONFIRM MEMORIZATION.



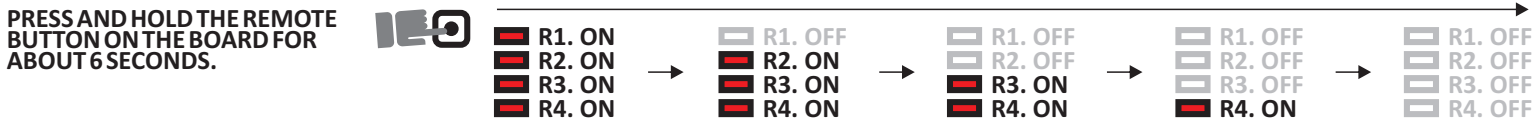
DELETE A REMOTE

PRESS AND HOLD THE DESIRED BUTTON ON THE REMOTE, SIMULTANEOUSLY PRESS **FOUR** TIMES THE **REMOTE BUTTON** ON THE CONTROL BOARD TO DELETE THE **START** FUNCTION, PRESS **THREE** TIMES THE **REMOTE BUTTON** ON THE BOARD TO DELETE THE **STOP** FUNCTION, PRESS **TWICE** THE **REMOTE BUTTON** ON THE BOARD TO DELETE THE **PEDESTRIAN** FUNCTION, OR PRESS **ONCE** THE **REMOTE BUTTON** ON THE BOARD TO DELETE THE **OUT1 ON/OFF** FUNCTION.

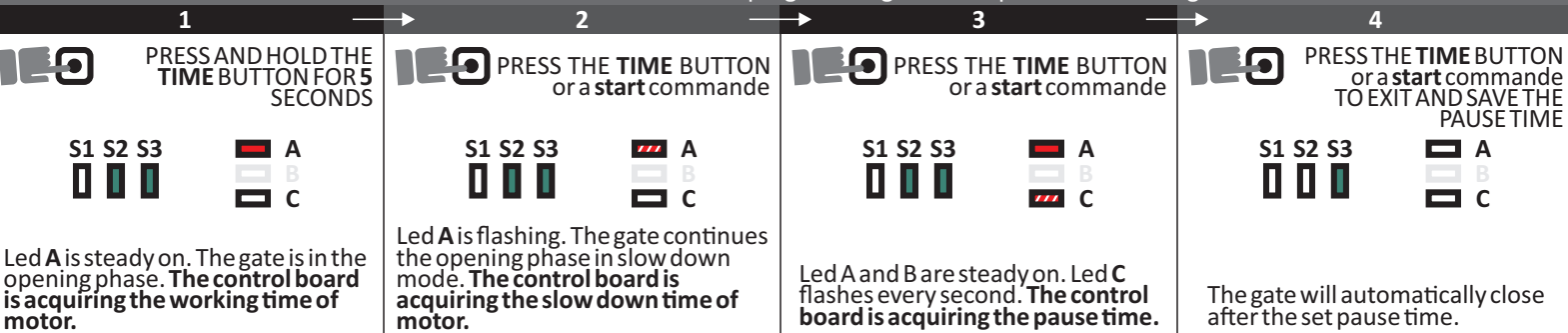


ERASE ALL REMOTES

TO ERASE ALL SAVED REMOTES PRESS AND HOLD THE **REMOTE BUTTON** ON THE BOARD FOR 6 SECONDS. LEDS R1, R2, R3, AND R4 WILL GO ON STEADY THEN WILL GO OFF INDICATING CORRECT DELETION OF ALL REMOTES.



PROGRAMMING OF GATE WORKING TIMES. The programming must be operated while the gate is closed.



FUNCTIONS DESCRIPTION

SLOW DOWN: THE GATE SLOWS DOWN FOR THE SET SLOW DOWN TIME AT THE END OF THE OPENING AND CLOSING PHASES. DURING THE SLOW DOWN PHASE THE MOTOR WORKS AT ITS MAX POWER.

PEDESTRIAN WORKING TIME: THE GATE OPENS AND CLOSES FOR THE SET PEDESTRIAN WORKING TIME.

SOFT START: THE MOTOR POWER INCREASES GRADUALLY TILL IT REACHES ITS MAX VALUE.

TESTS: THE CORRECT FUNCTIONING OF MOTOR AND PHOTOCELLS ARE CHECKED BEFORE ANY GATE MOVEMENT. IF ONE OF THE TWO TESTS FAILS THE GATE DOES NOT MOVE. THE LEDS ON THE BOARD INDICATES THE TYPE OF FAILURE. THE MOTOR TEST FAILS WHEN THE MOTOR IS IN THERMAL PROTECTION OR THERE IS A CONNECTION ERROR. THE PHOTOCELLS TEST FAILS IF TRANSMITTER AND RECEIVER ARE NOT PROPERLY ALIGNED, IF THERE ARE INSTALLATION ERRORS, OR IF THE PHOTOCELLS ARE DAMAGED.

LIMIT SWITCHES N.C./N.O.: THE LIMIT SWITCHES INPUTS CAN BE NORMALLY CLOSED OR NORMALLY OPEN, DEPENDING ON THE TYPE OF LIMIT SWITCHES USED.

DISABLE NOT WIRED N.C. INPUTS: DISABLE ALL THE NOT WIRED N.C. INPUTS. IF LATER, A N.C. INPUT IS WIRED, THE BOARD WILL AUTOMATICALLY ENABLE IT.

MOTOR BREAK: THE BOARD AUTOMATICALLY SLOWS DOWN THE MOTOR IF THE GATE REACHES THE LIMIT SWITCH WITHOUT THE GATE SLOWING DOWN, PREVENTING MOTOR DAMAGE.

MODES

AUTOMATIC CLOSURE: THE GATE AUTOMATICALLY CLOSES AFTER THE SET PAUSE TIME.

- DURING CLOSING, A **START** OR **PEDESTRIAN** COMMAND INVERTS THE GATE MOVEMENT.
- DURING OPENING, A **START** OR **PEDESTRIAN** COMMAND STOPS THE GATE MOVEMENT.

COMMUNITY PLUS AUTOMATIC CLOSURE: THE GATE AUTOMATICALLY CLOSES AFTER THE SET PAUSE TIME.

- DURING CLOSING, A **START** OR **PEDESTRIAN** COMMAND INVERTS THE GATE MOVEMENT.
- DURING OPENING, A **START** OR **PEDESTRIAN** COMMAND IS IGNORED.

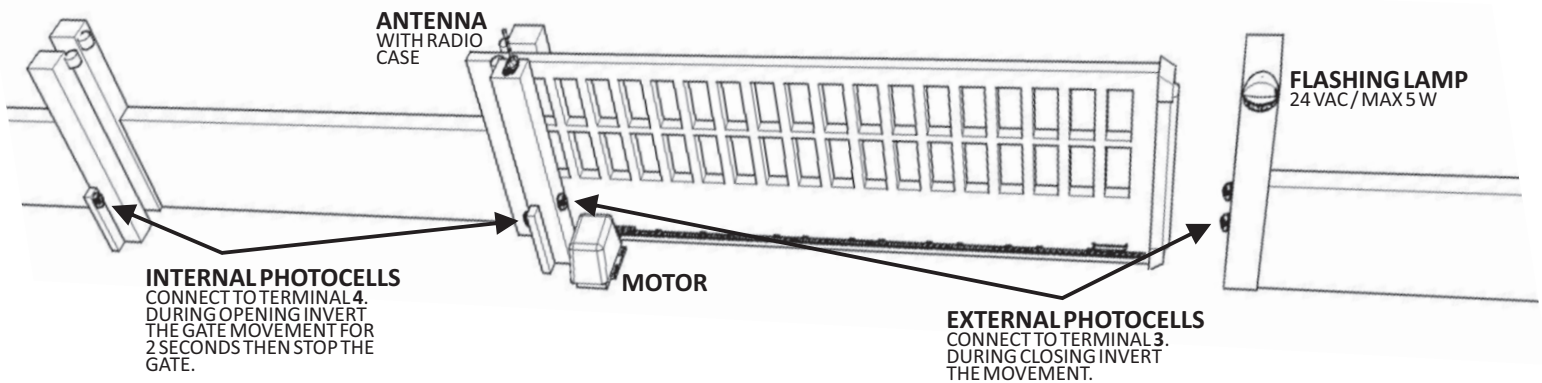
STEP-BY-STEP: THE GATE STAYS OPEN AT THE END OF THE OPENING PHASE.

- DURING CLOSING AND OPENING, A **START** OR **PEDESTRIAN** COMMAND STOPS THE GATE MOVEMENT.

STEP-BY-STEP PLUS AUTOMATIC CLOSURE: THE GATE AUTOMATICALLY CLOSES AFTER THE SET PAUSE TIME.

- DURING CLOSING AND OPENING, A **START** OR **PEDESTRIAN** COMMAND STOPS THE GATE MOVEMENT.

TYPICAL INSTALLATION

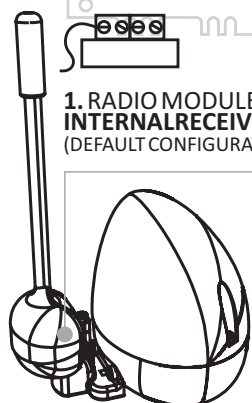
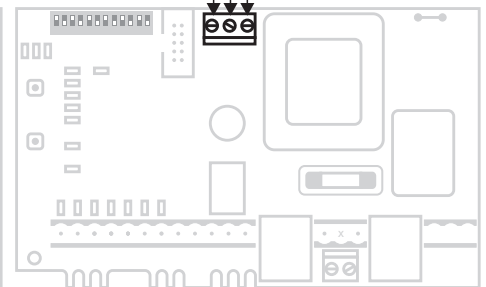
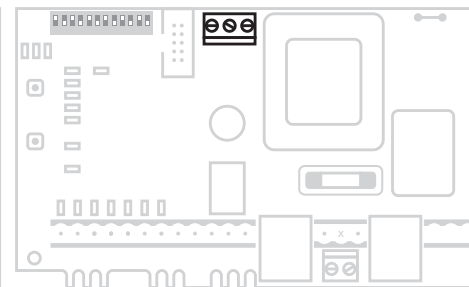
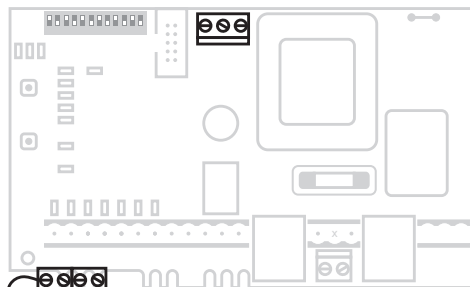


INTERNAL PROPERTY

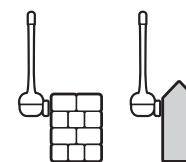
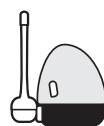
SUGGESTIONS

TO INCREASE THE SIGNAL RANGE DISCONNECT THE **RADIO MODULE** FROM THE **INTERNAL RECEIVER** POSITION AND WIRE IT ON THE **TERMINAL BLOCK EXTERNAL RECEIVER** POSITION. IF AVAILABLE, WE SUGGEST YOU USE THE **RADIO CASE** (CODE **RANPC5T**).

3. WIRE THE RADIO MODULE ON THE TERMINAL BLOCK EXTERNAL RECEIVER POSITION.



THE **RADIO CASE** CAN BE INSTALLED IN COMBINATION WITH THE **FLASHING LAMP** **ONE UP**.



THE **RADIO MODULE** HOUSED INSIDE THE **RADIO CASE** (**RANPC5T**).

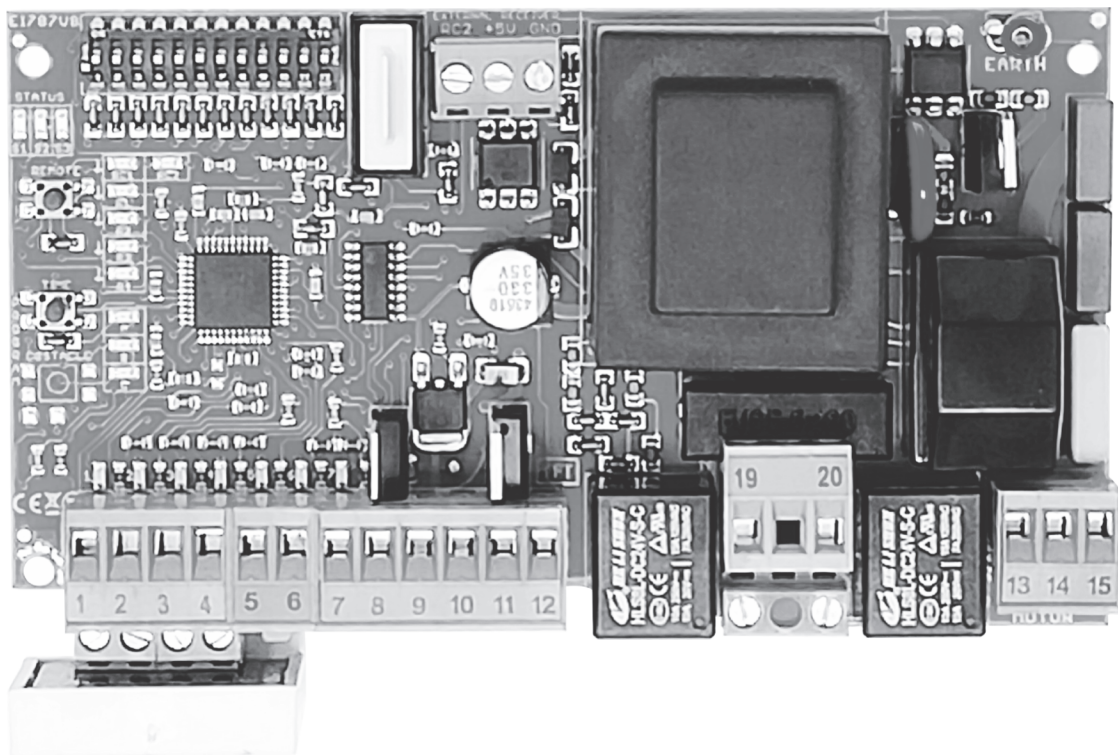


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USER MANUAL



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