User Manual

Preliminary Checks

Make connections of AC power and check the direction of motor rotation, with the half open, it must start opening, when the first command is given pushing a preprogrammed TX or short circuiting the "Com" and "Orden" inlets of the terminal block

When using travel limits, verify correct operation end connection checking that they are not inverted, to do that move full open the door up to the travel Limit is reach, adjusts its position and check the LED lighten and the same to the full close position.

Time Programming.

In spite of the door is expected to stop reaching the travel limits, it's mandatory to program the running time, to do that let the door half open

Doors without Run Limits

DIP 4 ON - DIP 1 ON

With No Deceleration => DIP 5 ON

1) Press the Set Limit TAC Switch until D8 LED goes ON (6 Seconds approximately).
2) Release the TAC Switch and the door **starts closing.**
3) When the door reaches the full close position give an order, end the door will stop and starts open, counting during the traveling the "Running Time"
4) When the door reaches the full open position gives a new order to set it, and the door will stop, and then closing exactly for the counted time.
5) End of task

With Deceleration => DIP 5 OFF

1) Repeat the steps 1 through 3 of the previous paragraph.

2) 10 cm before the full close position give an order to start reducing the speed.

3) When the Full open position is reached, give an order, and the door stops, and start to close.

4) End of Task.

Doors with Run Limits

DIP 4 OFF - DIP 1 ON/OFF (Depending on the Run Limits Type)

<u>**With No Deceleration => DIP 5 ON**</u>

1) Press the Set Limit TAC Switch until D8 LED goes ON (6 Seconds approximately).
2) Release the TAC Switch and the door **starts closing.**
3) When the door reaches the full close position detected by the Run Limit, the door will stop and starts open, counting during the traveling the "Running Time".
4) When the door reaches the full open position detected by the proper run limit it will stops, and start to closing up to the close run limit.
5) End of task.

<u>**With Deceleration => DIP 5 OFF**</u>

1) Repeat the steps 1 and 2 of the previous paragraph.
2) 10 cm before the full close position give an order to start reducing the speed.
3) When the door reaches the full open position detected by the proper run limit it will stops, and start to closing up to the close run limit.
4) End of task.

Q60 Controller Board
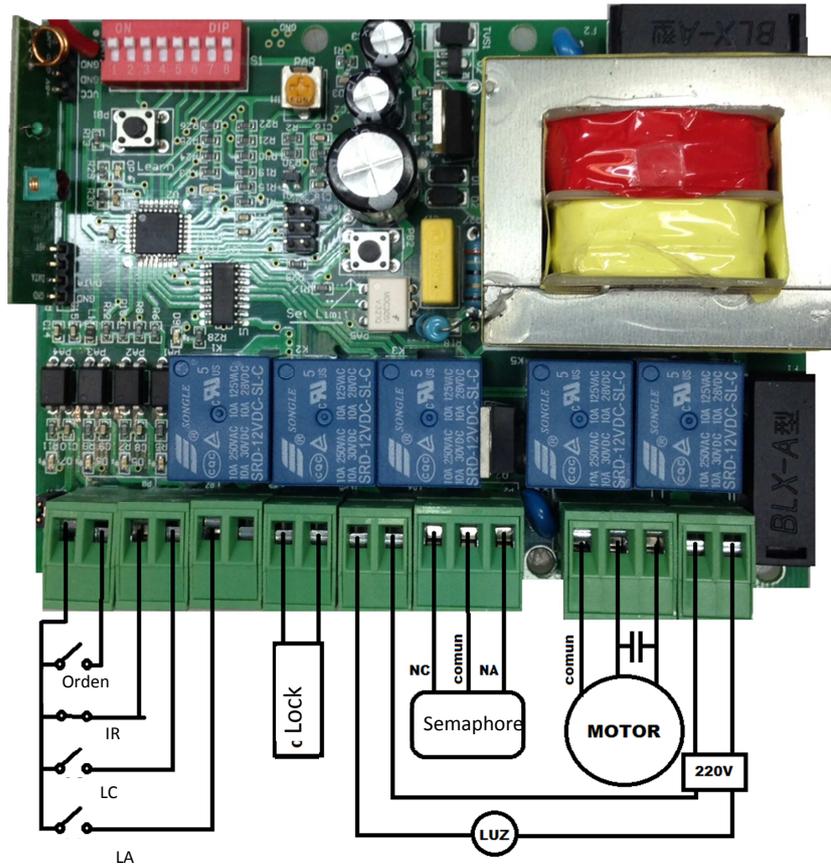
J1 Jumper has to be connected if there is not an IR Barrier

PAR Preset: Controls the Energy applied to the electric motor.

<u>DIP SWITCH FUNCTION</u>

DIP	FUNCTION	ON		*OFF*	
1	END OF RUN SWITCH TYPE	NORMALLY OPEN		NORMALLY CLOSE	
2	ENABLES THE TX DURING AUTOMATIC CLOSING DELAY TIME	ENABLE		DISABLE	
3	ARIETE	DESACTIVADO		ACTIVADO	
4	WITH OR WITHOUT RUN LIMIT INSTALED	NO RUN LIMITS		WITH RUN LIMITS	
5	DEACELERATION	disable		ENABLE	
6	-	-		-	
7 - 8	AUTOMATIC CLOSING DELAY TIME	DIP7 ON DIP8 ON	DESABLE	DIP7 OFF DIP8 ON	DELAY 15 SEG.
		DIP7 ON DIP8 OFF	DELAY 30 SEG.	DIP7 OFF DIP8 OFF	DELAY 60 SEG.