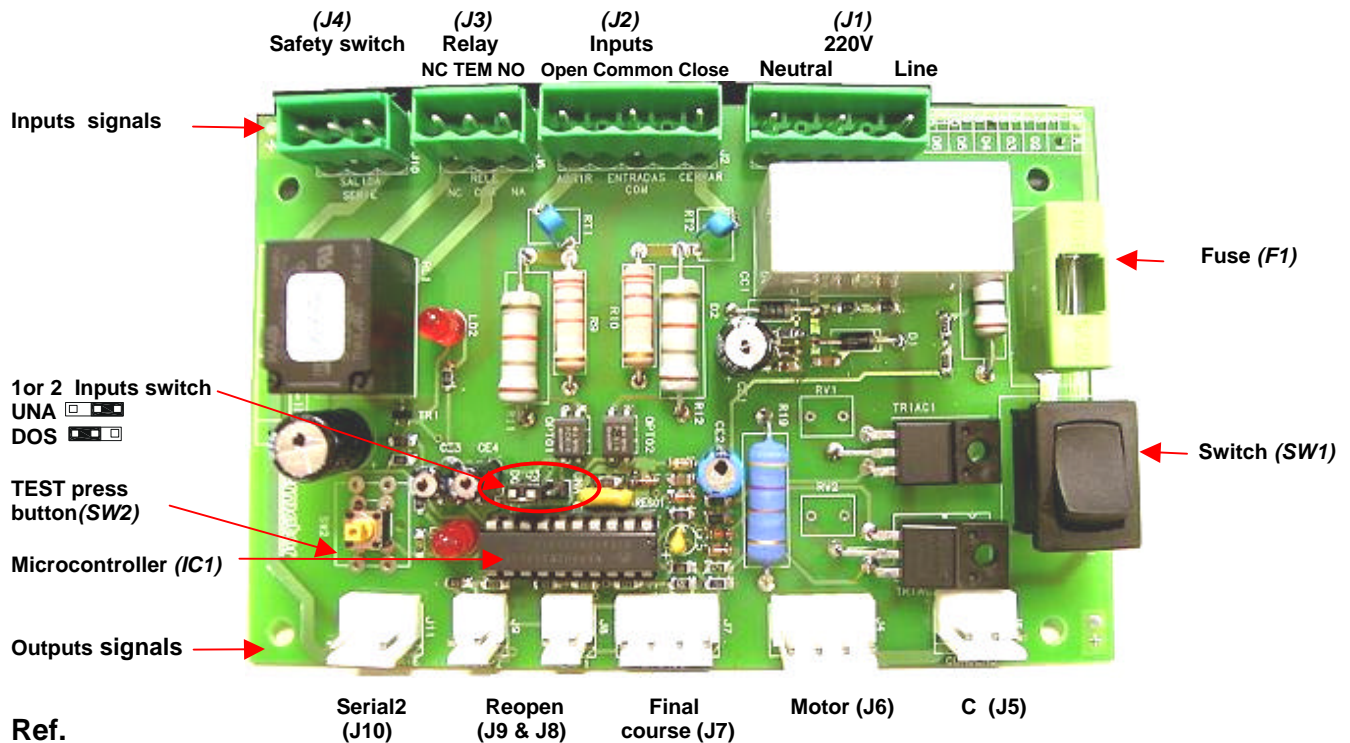


Electronic door operator control C4T.

(ref.991007)



Ref. Serial2 (J10) Reopen (J9 & J8) Final course (J7) Motor (J6) C (J5)

SW1 Mains switch

F1 Safety Fuse: 4 Amps 240 Volts. Fast activation homologated fuse.

J1 Mains connection 220 V : 220V AC single phase mains supply connection. 1-2-3 => Line-Earth-Neutral

J2 Control inputs 4-5-6 => OPEN – COMMON - CLOSE: This board can work with 1 or 2 input signals. With 2 inputs the open and close signal must be activated and they are independent.
With 1 input the close signal is the only one signal and without this signal the door opens by itself.

There is an internal bridge to select the operating mode.

The inputs are activated by input signal voltages from 12 to 240 volts, AC or DC coming from the main controller. The signal is applied between common (COM) and open or between common and close.

J3 Close timer. Delayed relay with free voltage contacts 7-8-9 => NO – COM – NC (**COM is the Common connection**)
Free voltage contacts from a delayed relay useful to keep the activation signal for 6 seconds after the close signal in main controllers which need extra activation time.

J4- J10 Safety switch. Serial Contact Connection SERIAL1: It must be connected in serial with the serial external locks. This is a direct connection between the input and output with no influence on the electronic board.

J5 Capacitor connection. Prepared for a future different wiring. With the existing wiring no change is needed.

J6 Motor connection. Compatible with the existing wiring.

J7 Final course microswitch connection.

J8 & 9 Reopening connections 1 and 2: These 2 connections are in serial and they reopen the door when activated. They are useful for a photocell system, reopen press button inside the cabin or any other device to reopen the door when closing. They are not available when the door is closed.

Because they are in serial a bridge is needed if there is a free one.

SW2 TEST push button: Press button to make a complete movement open-close with no input signals from the main controller.

IC1 MICROCONTROLLER: (label indicating Program version , Week-Year)

The program connects and disconnects the motor avoiding any overvoltage or electrical discharge in the microswitches. The system is according the normative of the new Lift Directives and EMC norms.

UNA E Programming bridge 1 INPUT or 2 INPUTS

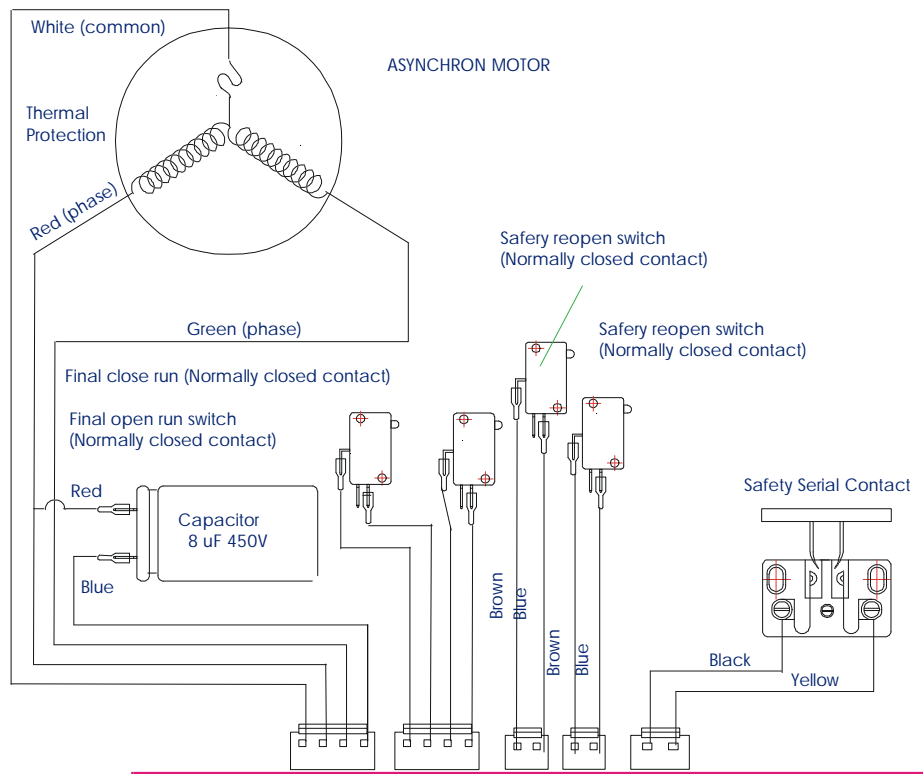
DOS E It programs the operation mode with only close signal or with 2 independent signals Open/Close. The programming consists of a bridge in the correct position.

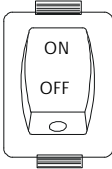
WIRING CONNECTION DIAGRAM

Steps to follow:

- 1) Connect as shown.
- 2) Program (J3) for 1 input and switch on the unit.
- 3) The door should open. Interchanges motor phases if not.
- 4) Program (J3) for 2 inputs.
- 5) The door should not move.
- 6) Activate the open signal.
- 7) The door stops opening when the final opening microswitch is activated.
- 8) Repeat 6 and 7 with the close signal.
- 9) Verify TEST SW2.
- 10) Verify the obstruction

The microswitch is activate when the contact is opened. (Normally Closed contact NC)







ON

OFF

TEST

OK



	J5 CONDENSADOR Capacitor	J6 MOTOR	J7 CERRADA FCC Closed ABIERTA FCA Opened	J8 REAP 1 Reopen 1	J9 REAP 2 Reopen 2	J10 C. SEGURIDAD Safety switch
<p>ATENCION: No desmontar el circuito de la caja conectado.</p> <p>CAUTION: Do not open the box with the circuit powered.</p> 	<p>CE</p> <p>4 A. FUSE Quick Blow</p> <p>ET99100701AL</p>	J1 ALIMENTACION Mains supply GND 220VL 220VN 1 2 3	J2 ENTRADAS Inputs 24...250 V. ABRIR Open COM CERRAR Close 4 5 6	J3 TEMPORIZADOR CIERRE Close timer 7 8 9	J4 C. SEGURIDAD Safety switch 10 11	



Risk of electrical shock.
Don't manage the electronic board connected to the mains supply.