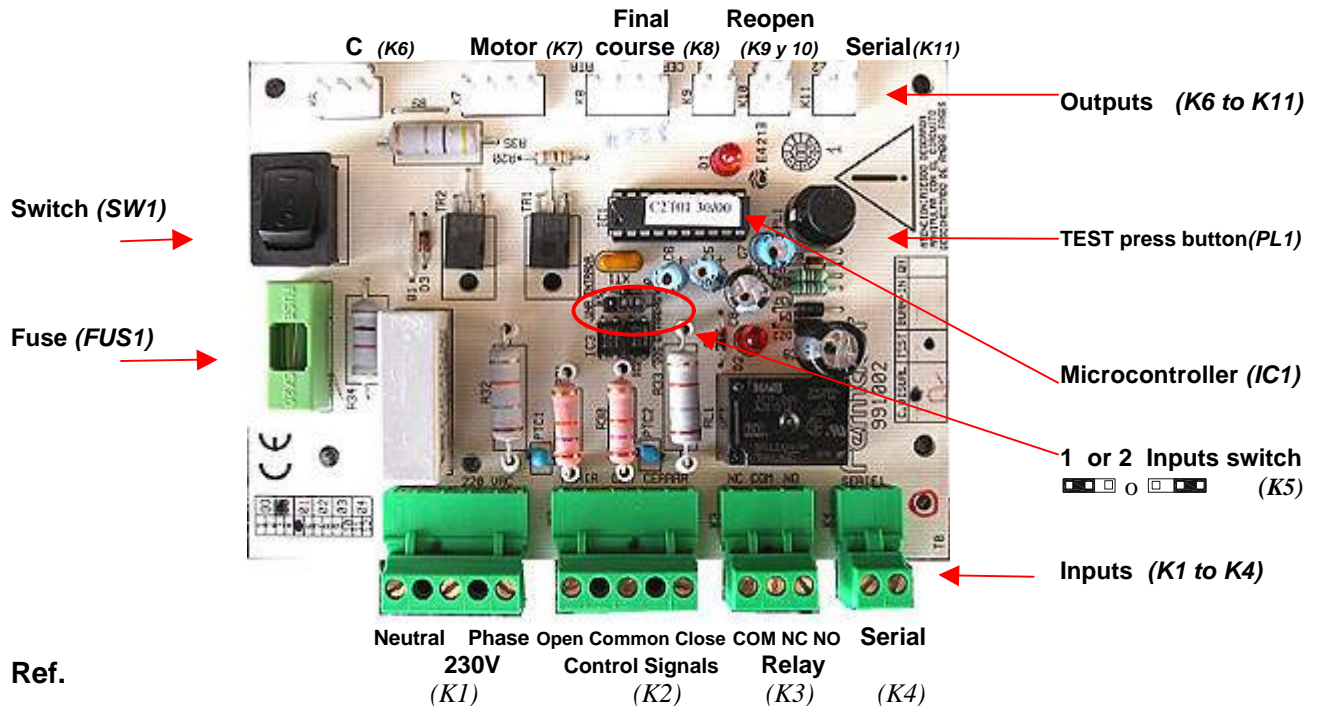


New electronic door operator control C2T.

(ref.991002)



Ref.

SW1 Mains switch

FUS1 Security Fuse: 4 Amps 240 Volts. Fast activation homologated fuse.

K1 Mains connection 220 V : 220V AC single phase mains supply connection. (Phase-Earth-Neutral)

K2 Control inputs 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 a bridge (K5) 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.

K3 Delayed Relay with free voltage contacts COM – NC - NO:

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.

K4-11 SERIAL Contact Connection SERIE1: 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.

K5 Programming bridge 1 INPUT or 2 INPUTS

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.

K6 Capacitor connection. Prepared for a future different wiring. With the existing wiring no change is needed.

K7 Motor connection. Compatible with the existing wiring.

K8 Final course microswitch connection.

K9-10 Reopening connexions 1 and 2: These 2 connections are in parallel (they are the same connection) and they reopen the door. 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 parallel no bridge is needed if there is a free one.

PL1 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)

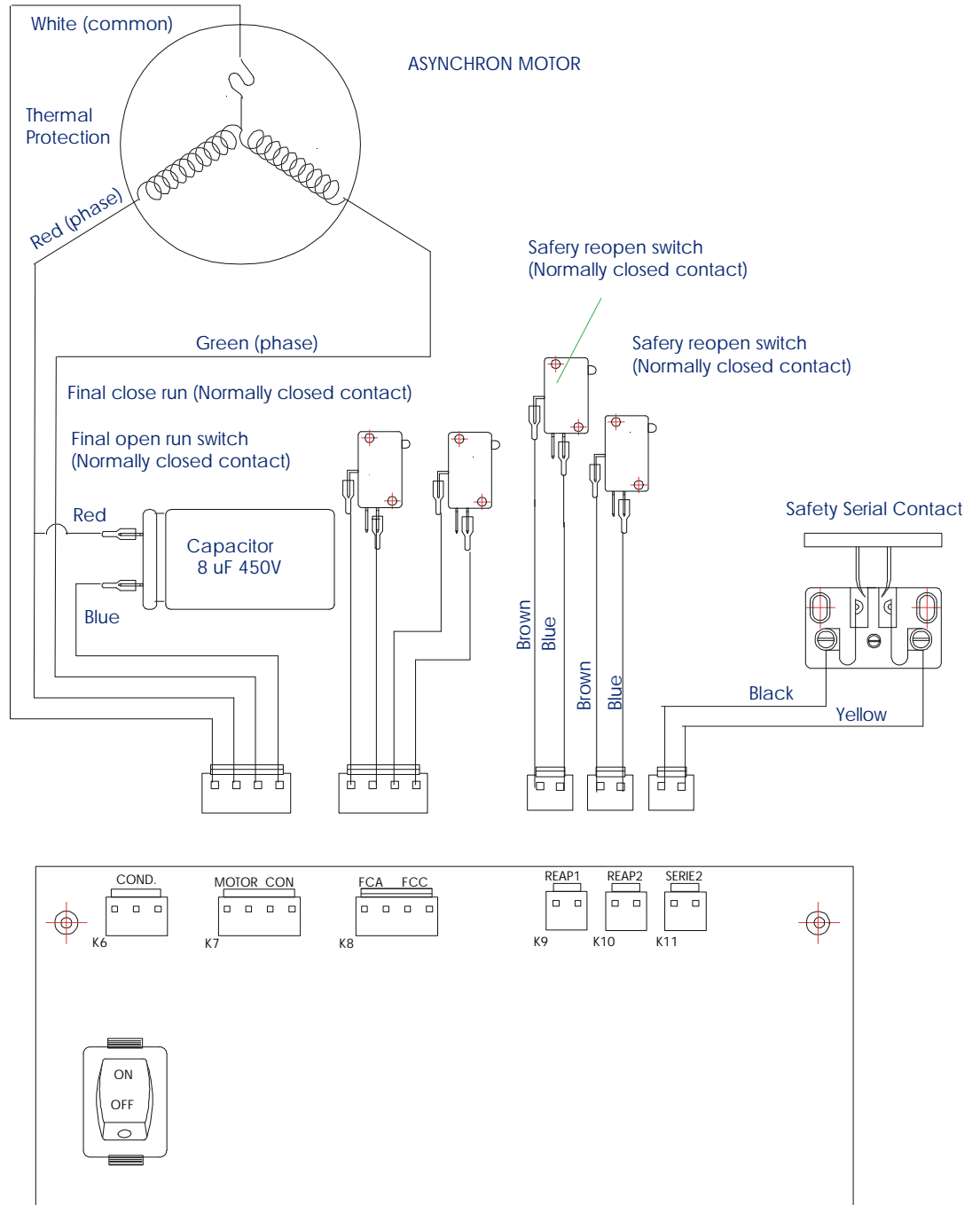
The program connects and disconnects the motor avoiding any overvoltage or electrical discharge in the microswitches. The system is according to the normative of the new Lift Directives and EMC norms.

WIRING CONNECTION DIAGRAM

Steps to follow:

- 1) Connect as shown.
- 2) Program (K5) for 1 input and switch on the unit.
- 3) The door should open. Interchanges motor phases if not.
- 4) Program (K5) 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 PL1.
- 10) Verify the obstruction

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



The wirings are the same one than now.

NOTE: There is a mistake in the NC-COM-NO relay indication labeled on the board. See these diagrams.



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

Electronic Department



E198022