

DESCRIPTION

The CV10 unit is an electronic board for the automation of doors, windows and gates with the help of electro-mechanical actuators.

BLOCK DIAGRAM OF EQUIPMENT

F1 = 630mA fuse for 230 V power supply

F2 = 10A fuse for 24 V power supply

J1 = Control and drive terminal board

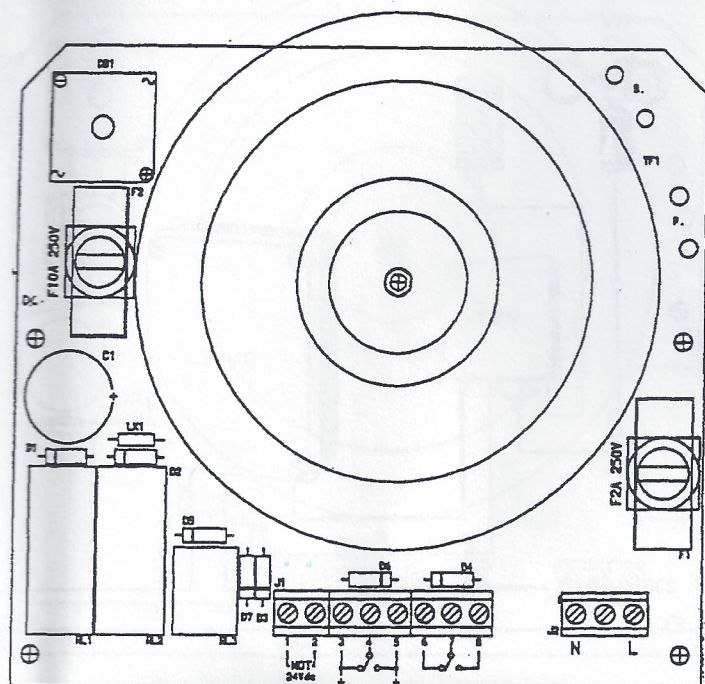
J2 = 230 V power supply terminal board

TF1 = Transformer

RL1-RL2 = Open/close switch relay

RL3 = Drive priority management relay

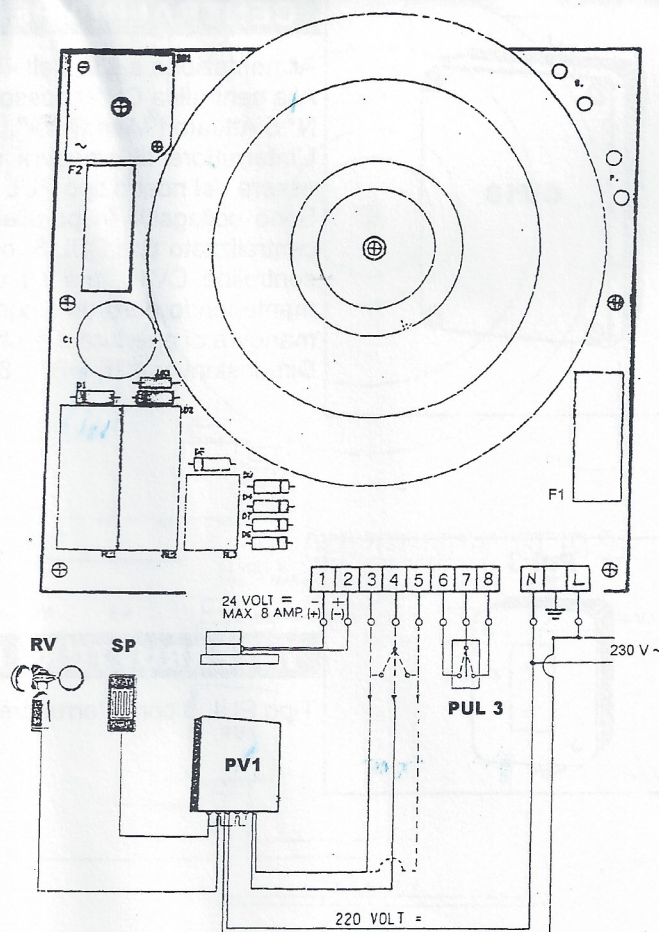
DB1 = 10 A rectifier bridge



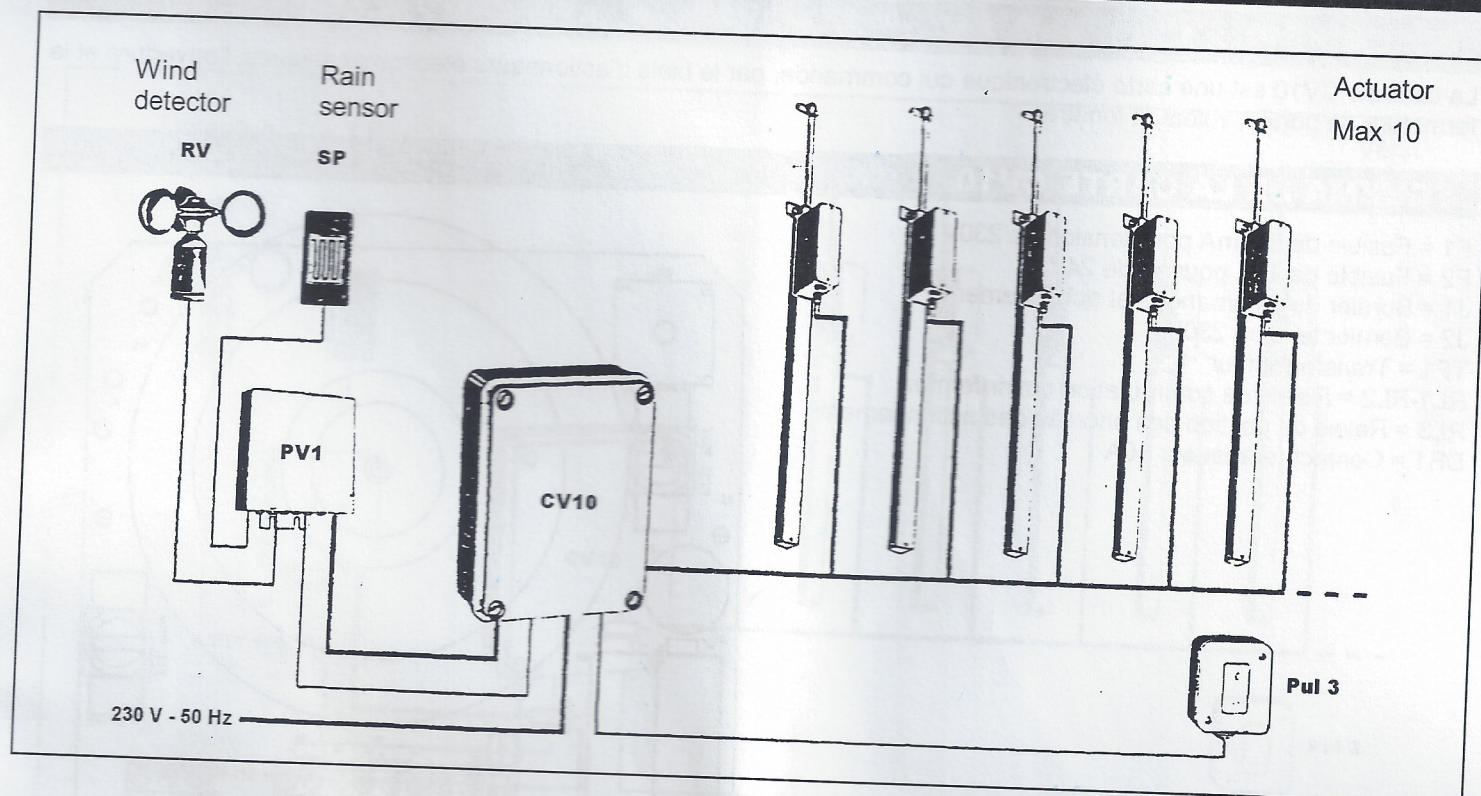
CV10 TERMINAL BOARD DESCRIPTION

- 1 **Terminals 1 and 2:** power supply for the actuators. Connection for supplying power to 24Vdc actuators with maximum absorption of 8A.
- 2 **Terminals 3, 4 and 5:** open/close command (local). Contact for commanding opening and closing of the actuator. The operation of this contact has priority over terminals 6, 7 and 8.
- 3 **Terminals 6, 7 and 8:** open/close command (local). Contact for commanding opening and closing of the actuator without any priority. When the centralised contact is enabled, every function is disabled and is re-enabled only when the centralised contact is in the rest position.
- 4 **Terminals N and L:** 230 V, 50 Hz power supply.
L = PHASE
N = NEUTRAL

N.B. Connect PV1 to either "3 and 4" or to "4 and 5" as required, making sure that the emergency rain-wind gives the closing command.



AIR EXCHANGE

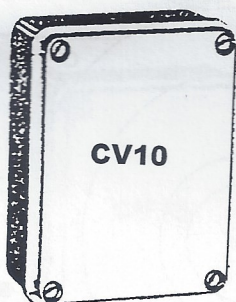


CONTROL DEVICE FOR AIR EXCHANGE SYSTEMS

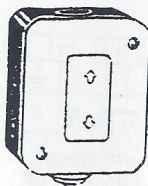
Power supply: 230V - 50 Hz - 24V transformer. The CV 10 control unit can be connected to a maximum of 10 linear or 5 Apri Color actuators.

The control switch, either the PUL 3 type or a standard type, must be connected directly to the CV 10 control device. Several CV 10 control devices can be connected in parallel using a single PUL 3 type centralised switch. Alternatively, several CV 10 control devices can be connected in parallel to an automatic emergency RAIN-WIND system using a single PUL 3 type switch for each control unit for normal opening and closing operations.

Dimensions: 15 x 20 x 8 cm.



Pul 3



MANUAL SWITCH

PUL 3 type press and release switch. Complete with a box for wall mounting.