

# AUXILIARY OUTPUT BOARD

The fitting of an Auxiliary Output Board to the "System One" Intercom allows devices such as Door Strikes, Automatic Gates, Alarm Panic Circuits, Courtesy Lights etc. to be controlled from the Master Panel or any Room Station.

Each Output Board provides two (2) sets of Normally Open and Normally Closed dry relay contacts. (RELAY 1 + RELAY 2)

Four (4) Output Boards can be used on a system providing a total of eight (8) outputs.

The outputs can be set to toggle on & off with each activation or time out after being activated, by means of bridging the appropriate jumper pins (M1 + M2).

The time out duration can be adjusted from 1 to 45 seconds by means of adjustable trim pots (VR1 + VR2).

The time out duration can be extended up to approximately 10 minutes by adding a 330 uF low leakage electrolytic capacitor to position C2 for output 1 and position C8 for output 2.

The outputs are activated by pressing the Aux key on the intercom followed by the number (1 to 8) of the output to be activated.

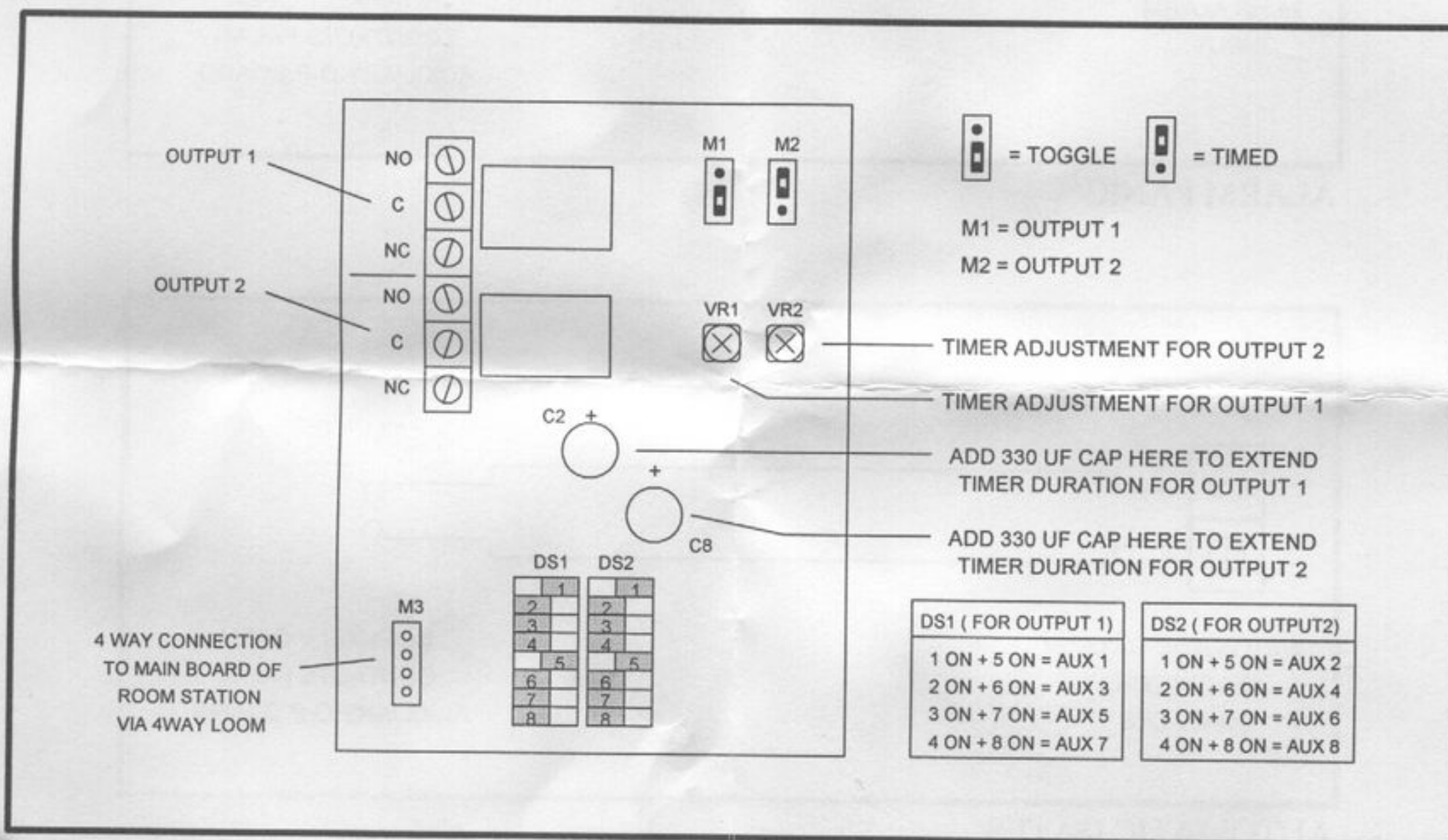
DIP switches are used to set the number that the output will respond to. Output 1 can be set to respond to numbers 1, 3, 5 or 7 using DIP Switch 1 (DS1). Output 2 can be set to respond to numbers 2, 4, 6 or 8 using DIP Switch 2 (DS2).

The board locates in the side compartment of any room station and is connected to the main board of the room station by means of a 4 way Loom. (Power to be turned off & speaker to be removed to make this connection)

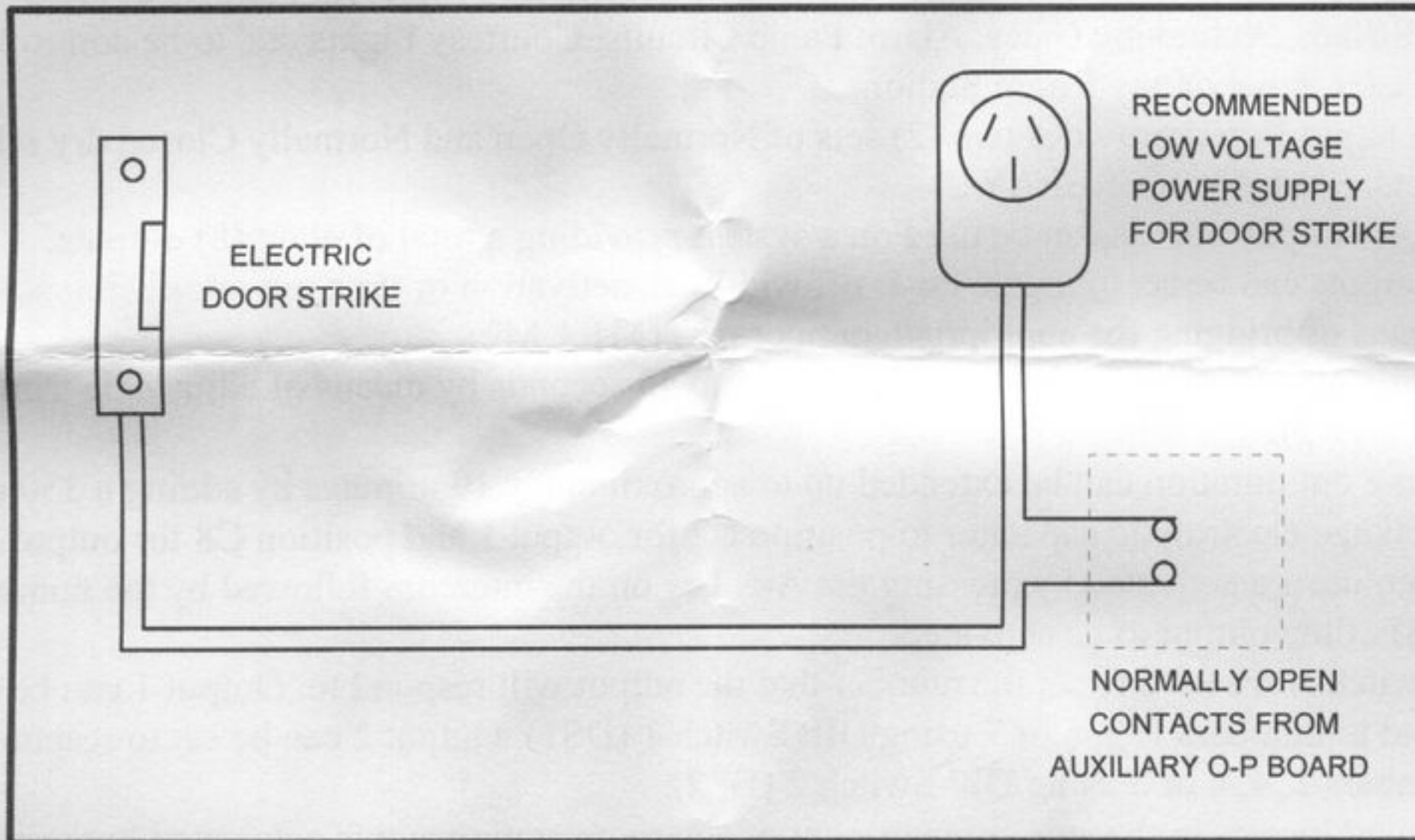
**NOTE:** The relay contacts are **Dry**. They act as a switch and do not output a voltage on their own.

**IMPORTANT:** For this feature to operate from all stations, the "AUX terminal at each station including the master (if fitted) is to be linked by a single core wire.

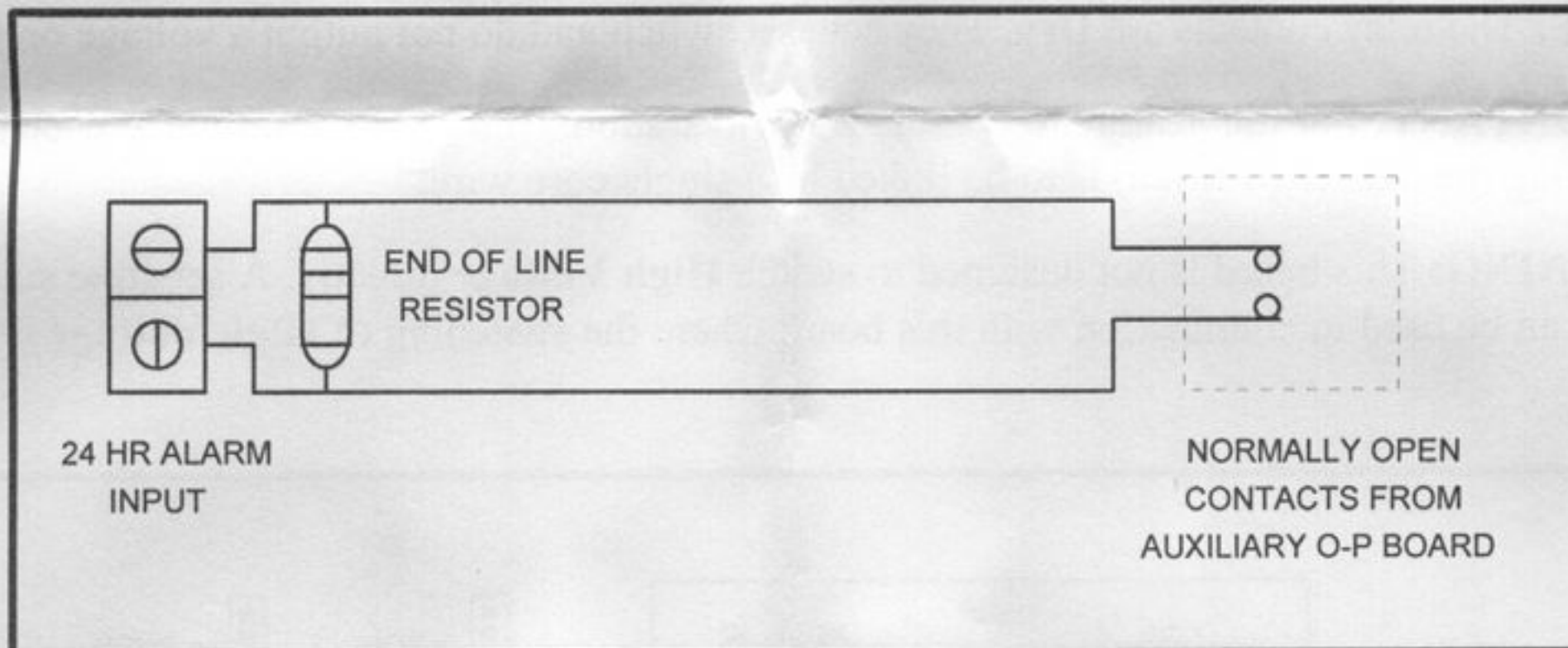
**WARNING:** This board is not designed to switch **High Voltage** directly. A separate suitable relay can be used in conjunction with this board where the switching of **High Voltage** is required.



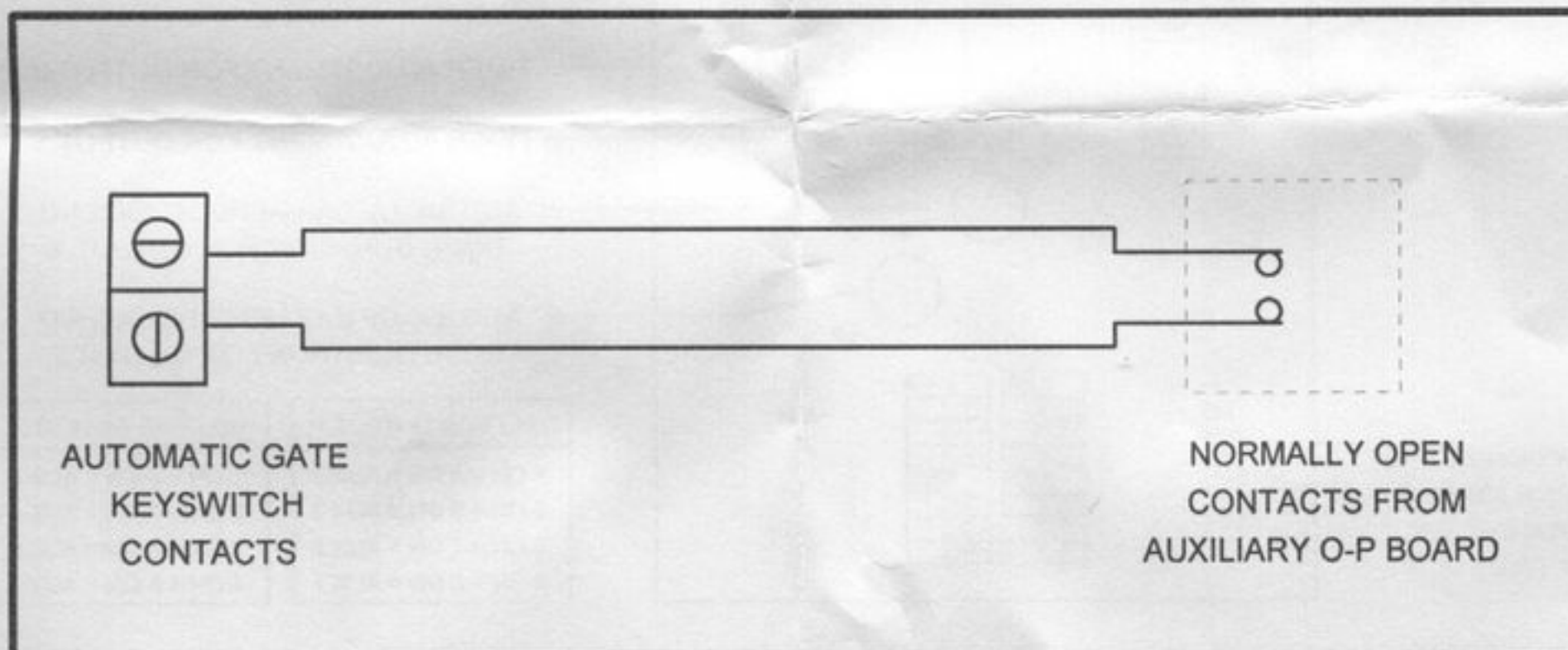
# COMMON APPLICATIONS



ELECTRIC DOOR STRIKE



ALARM PANIC



AUTOMATIC GATES