



SECURE-TECH

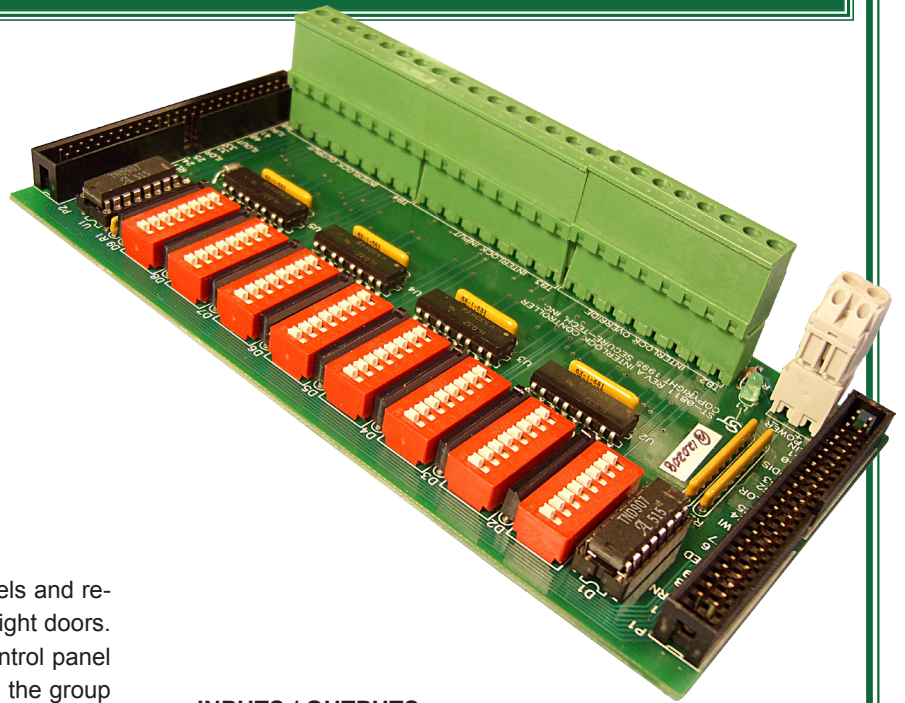
DETENTION ELECTRONIC SYSTEMS
ETECH CONTROLS CORPORATION - MANUFACTURER
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MODEL
HC-0811

8 DOOR INTERLOCK CONTROLLER

FEATURES:

- 8 INTERLOCK INPUTS
- 8 INTERLOCK OUTPUTS
- 8 INTERLOCK OVERRIDES
- INTERLOCKED CONTROL SWITCHES
- ANY INTERLOCK SIZE
- MULTIPLE INTERLOCK GROUPS
- ALL PLUG CONNECTION
- 3.25" SNAP TRACK MOUNT
- 2 YEAR WARRANTY



FUNCTIONAL DESCRIPTION:

The HC-0811 interfaces between control panels and relay output boards to provide interlocking for eight doors. Interlocking a group of doors prevents the control panel operator from opening more than one door in the group at a time. An Override input is provided for each door to allow interlocked doors to be opened in case of fire or other emergency.

Control switch inputs are also interlocked to prevent the simultaneous activation of multiple control switches from using the time delay encountered in receiving a changed door status condition in an attempt to defeat the interlock. Only one switch input in an interlock group is recognized at a time.

The doors in an interlock group can be spread over multiple Interlock Controllers. This allows any number of doors to be in a single interlock group and any number of groups to be interlocked with other groups. This also allows all eight door interlock circuits to be utilized.

Each controlled door circuit is dip switch selected to interlock with other doors controlled by this board and with interlock group inputs from additional controller boards.

INPUTS / OUTPUTS:

The Override, Group, and power inputs; and Group outputs are connected to Phoenix type compression screw terminal plugs sized for 22 to 12 AWG stranded conductors. Two 50-pin male headers are provided for door status I/O; door switch, Override, and Group inputs; Group and door relay outputs connection, via ribbon cable, to control panels (convert to 25 pair cable) and other boards. The mating female ribbon plugs are provided.

SIZE:

3.25" W x 6.50" L x 1.25" D
82.6mm W x 165.1mm L x 31.7mm D

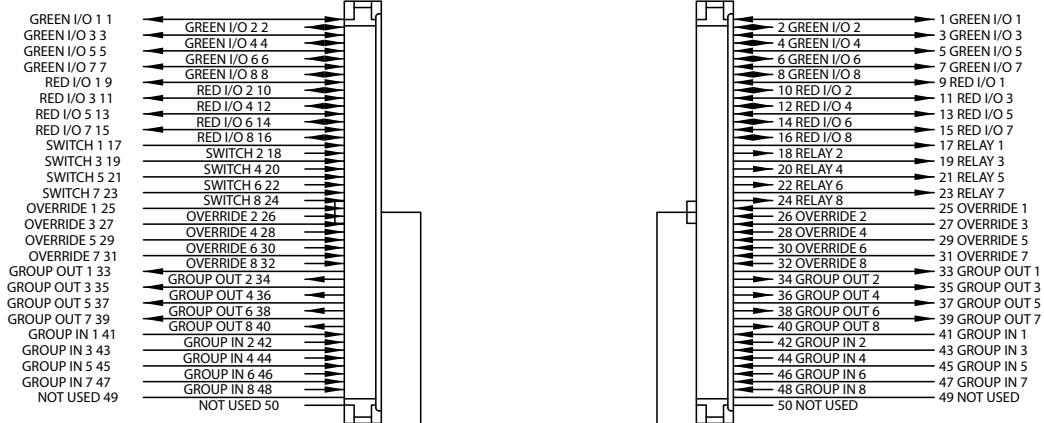
POWER:

12 - 14 VDC, 200ma, green LED indicated

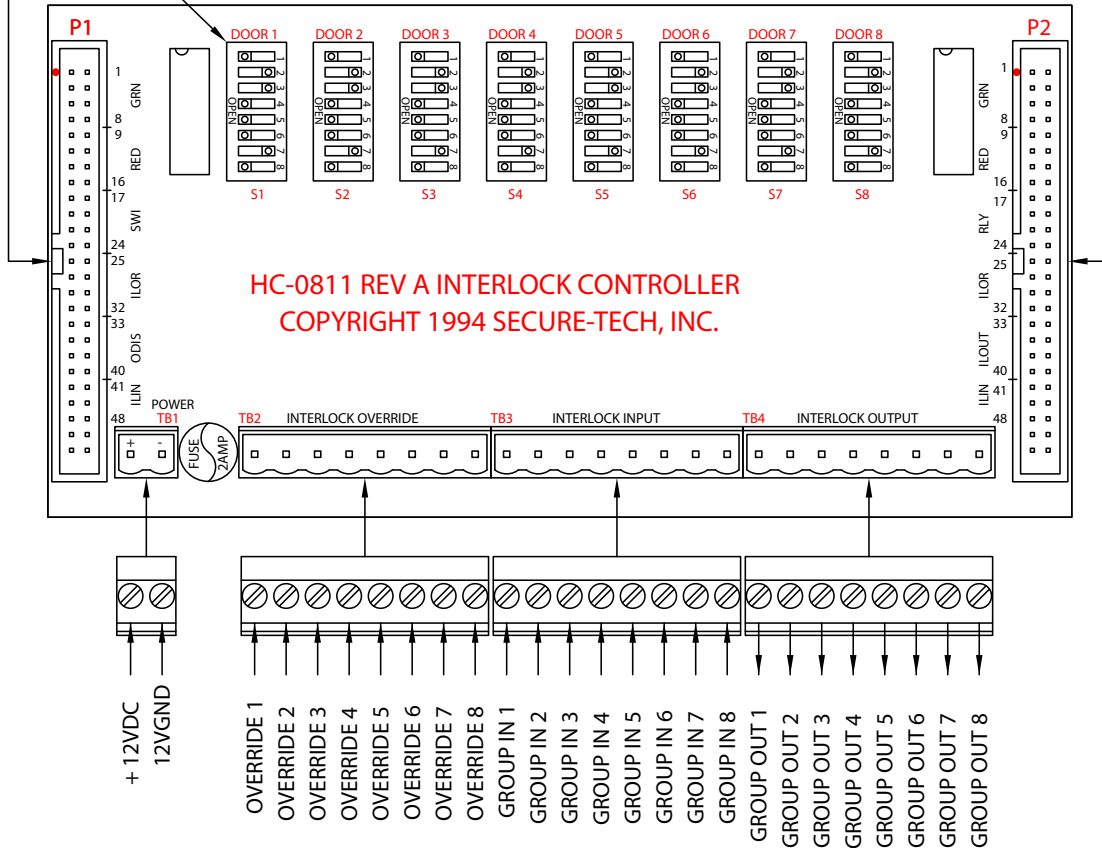
MODEL

HC-0811 8 DOOR INTERLOCK CONTROLLER

HOOK-UP DIAGRAM



SET TO SELECT OTHER DOORS ON THIS CONTROLLER TO INTERLOCK WITH



NOTE: INTERLOCK GROUP OUTPUTS ON P1 & P2 ARE EFFECTED BY OVERRIDES. THOSE ON TB4 ARE NOT EFFECTED BY OVERRIDES.