



SECURE-TECH

DETENTION ELECTRONIC SYSTEMS
ETECH CONTROLS CORPORATION - MANUFACTURER
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MODEL
HC-0802

8 DOOR RED OR GREEN MONITOR

FEATURES:

- INTERPOSING DEVICE (OPTO)
- 8 OPTO-ISOLATED (7500V) INPUTS
- 8 RED STATUS LEDS
- GREEN POWER STATUS LED
- LAMP TEST INPUT OPTION
- 8 LED OUTPUTS , RED OR GREEN
- BOARD AND FIELD GROUND ARE SEPARABLE FOR BETTER OPTO-ISOLATION
- FUSE PROTECTED
- ALL PLUG CONNECTION
- 3.25" SNAP TRACK MOUNT
- 2 YEAR WARRANTY

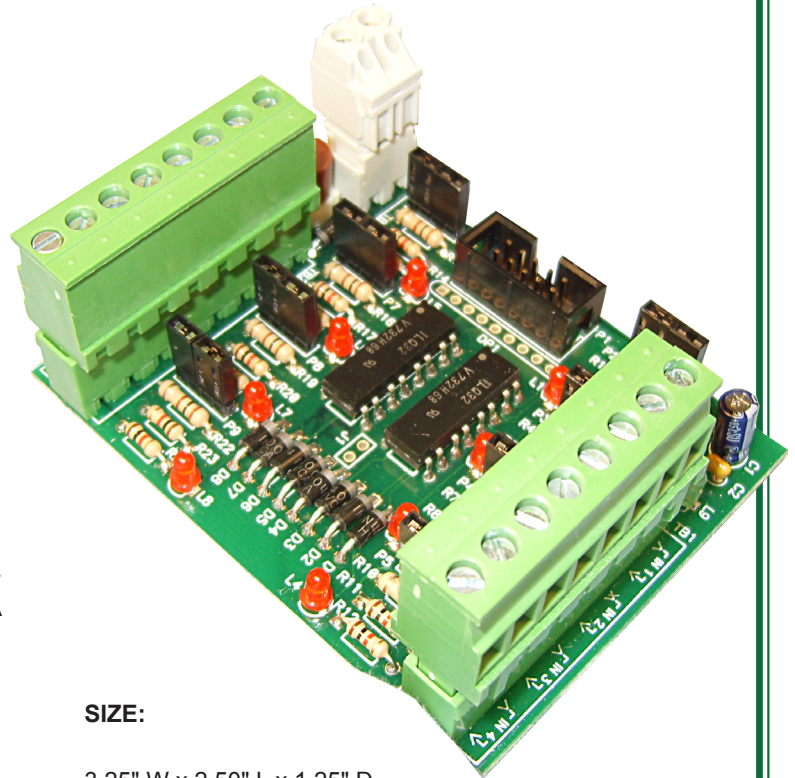
FUNCTIONAL DESCRIPTION:

The HC-0802 monitors eight doors and provides an LED output for each door, either red or green. A red LED output indicates when a door is either unlocked or open. A green LED output indicates when a door is both locked and closed.

A red door status LED is provided for each monitoring circuit. A green power-on LED is also provided. Pin jumpers are provided for each monitoring circuit to select either unsecure red or secure green LED outputs. All input circuits are opto-isolated to 7500 volts. For even better opto-isolation, the board operating power and field monitoring circuit power may be separated by a pin jumper to allow two different power supply sources when only red LED outputs are selected.

INPUTS / OUTPUTS:

Eight door monitoring LED outputs are selected for either unsecure red or secure green indication. The door monitoring inputs are connected to Phoenix type compression screw terminal plugs, sized for 22 to 12 AWG stranded conductors. The outputs can sink from 5 to 24 VDC @ 50ma each. The LED outputs and Lamp Test input connector is a 10-pin male header. The mating female ribbon plug is provided.



SIZE:

3.25" W x 2.50" L x 1.25" D
82.6mm W x 63.5mm L x 31.7mm D

POWER:

12 - 14 VDC, 100ma, 2 amp plug-in fuse, green LED indicated

OPTION:

Add (-LT) to model number to obtain the Lamp Test input function.

ST The Sign of Excellence

MODEL

HC-0802 8 DOOR RED OR GREEN MONITOR

HOOK-UP DIAGRAM

DOOR POSITION AND LOCK STATUS SWITCHES (SECURE)

