

MODEL DE-1 DELAYED EGRESS STATION

OPERATING INSTRUCTIONS

This micro-controller based unit will provide an effective means of locking an exit door while still providing egress during an emergency.

Pushing the square green button on the DE-1 will start the irrevocable exit time. There is a two second nuisance feature which requires the button to be pushed and held before the timer will start. At this time, the alarm relay will be energized and the sounder and light will turn on.

At the end of the adjustable time delay (2 to 30 seconds), the lock relay is energized allowing the exit door to un-lock.

The alarm relay, lock relay, sounder and light will remain on until reset with the keyswitch.

There is an optional auto reset feature which will allow the exit door to re-lock. To enable this feature, cut the leads to the keyswitch and tie the leads together electrically. Once this feature is enabled, the lock relay will be de-energized after a time delay equal to the setting of the adjustable time delay (2 to 30 seconds) thereby allowing the door to re-lock.

Specifications -

Input Voltage:12 to 24 VDC

Current Draw:200 mA maximum

Delay Time:2 to 30 seconds adjustable

Nuisance time delay:2 seconds

| Lead | Designation |
|--------|--|
| Red | Power Input Positive (+) |
| Black | Power Input Negative (-) |
| Violet | Lock Relay Normally Open |
| Green | Lock Relay Common |
| Blue | Lock Relay Normally Closed |
| Orange | Alarm Relay Normally Open |
| White | Alarm Relay Common |
| Yellow | Alarm Relay Normally Closed |
| Gray | Remote Start - Shorting the Gray leads will start the DE-1 the same as pressing the Green Button |



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TYPICAL WIRING DIAGRAM

