

# 7101 DELAYED EGRESS CONTROLLER

**Completely  
Self Contained**

**Conforms to  
NFPA 101 Code**

**Programmable  
Clock/Calendar**

**System Status  
Indicator LEDs**

**Anti-Tailgate  
Re-Locking**

**Built-In Keypad  
Access Control**

**3 Second  
Nuisance Delay**

**15 or 30 Second  
Egress Delay**



## **Conforms to All Life Safety Codes**

The 7101 Delayed Egress System performs all functions required by NFPA-101 life safety codes. A complete system requires the EDR System: 101 controller, power supply, lock door position switch and an attempted egress detection device.

## **Programmable Clock /Calendar**

Door armed and door unlocked intervals can be scheduled by time of day and by the day of the week. Programmable arm and disarm intervals allow unique week day and weekend schedules or total lock down 24 hours per day, seven days a week.

## **Built-In Nuisance Delay**

An audible warning is activated on the EDR System: 101 controller after a three second delay of an exit attempt. If the attempt to exit sensor continues to be active after this nuisance delay period, the irreversible unlocking sequence is started.

## **Selectable Release Delay**

The delay, before the doors are unlocked, is programmable for 15 or 30 seconds.

## **Keypad or Key Switch Reset**

The EDR System: 101 controller can be reset by code from the keypad or optionally from a security key switch.

## **Authorized Access/Escort Egress**

The escort delay feature allows the disarming and unlocking of the door to allow a single authorized passage. A remote keypad can be used by authorized personnel for after-hours access into the building.

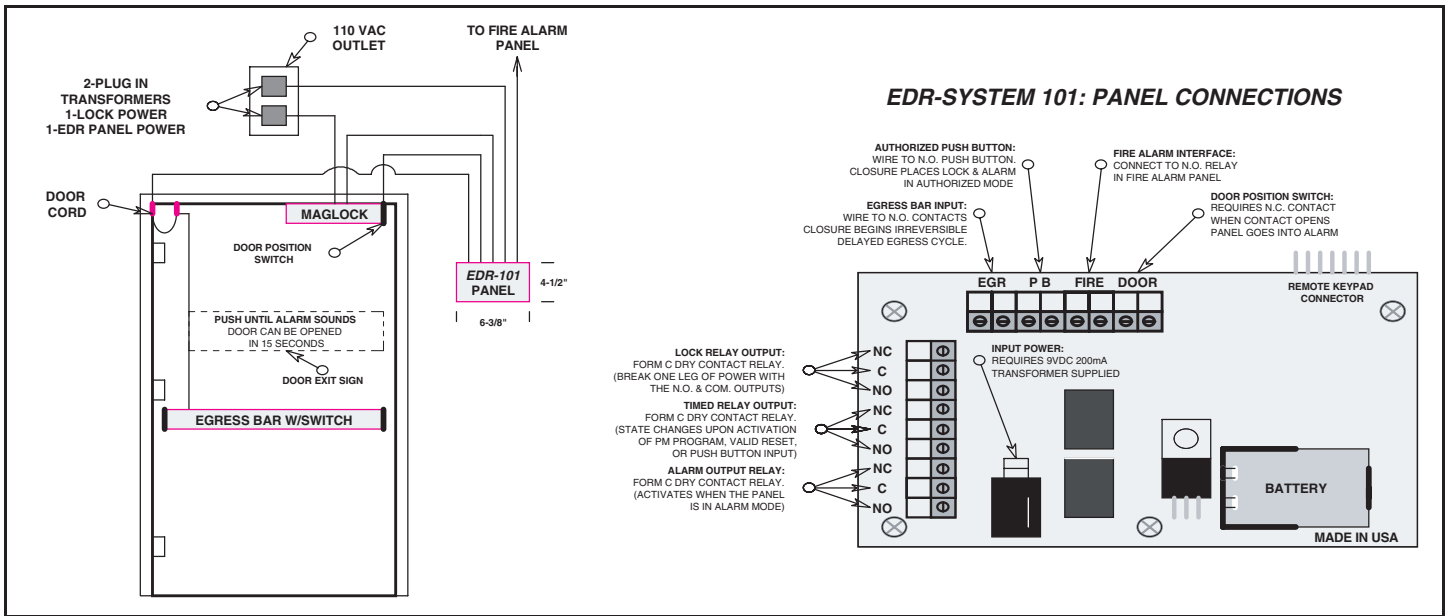
## **Automatic Anti-Tailgate Re-Locking**

The door status switch monitors door position in both the armed and disarmed states. This allows the immediate re-lock and re-arming of the door after an authorized passage during an armed time schedule.

## **Remote Monitoring and Control**

Door release and alarm shunt capability from a remote guard station is possible when used with the 7600 Series Annunciator/Controller. Relay outputs are provided for electric locks, auxiliary alarms, and to allow integration with any card access control, CCTV monitoring system, or other security control devices.

# 7101 SERIES DELAYED EGRESS SYSTEM



## EDR System: 101 Components

(Also available in ready-to-install kit)

- #7101 Control Panel - This 3-gang panel with keypad, LEDs, and sounder is typically mounted, adjacent to the door on the secured side. The stainless steel plate can be recessed flush or installed using the beige surface mount box (one required for each entrance).
- #4009 (EDR) Power Supply - 9 volt DC plug-in power supply (included with each EDR 101 controller above).
- #4012 (lock) Power Supply - 12 volt DC plug-in 1 amp power supply (One required for two single or one double magnetic lock).
- #1110xD - 1200 lb. magnetic lock with built-in door position switch. (One lock and door switch is required for each door leaf).
- #6410xS15 Egress Bar - Attempted exit device with SPDT switch. (Required for each door leaf to activate alarm and release lock for an emergency exit).
- #6220 Door Cord - Armored door cord with 4 conductor 22 ga. wire (one required for each egress bar above)

## EDR 101 Operation

The EDR System: 101 is activated when in the armed state if a constant pressure of 15 pounds or more is applied for at least three seconds to the door emergency egress bar. Once activated, the audible alarm in the controller will continuously sound until manually reset. Reset is by code from the keypad or an optional key switch.

The 7101 Delayed Egress System performs all functions required by NFPA 101 life safety codes. A complete system requires the EDR System: 101 controller, power supply, magnetic lock with door position switch and an attempted egress detection device. If fire-smoke stairwell doors with mechanical latching exit hardware are to be locked and alarmed, magnetic locks with a built-in attempted egress switch and a door position switch should be installed. (See #1100 series option xEDR).

## Unique Access/Escort Codes

The master and secondary codes are field programmable to limit the alarm shunt and door unlocking to authorized personnel only. The secondary access code may be changed at any time without affecting the master code users.

## Alarm/Access Control Integration

The EDR System: 101 can be monitored and/or controlled by any alarm system. As mandated by code, the fire alarm input on the controller will unlock the door by signal from the fire alarm panel.

An authorized access/shunt input allows integration to an access control system. Timed relay outputs allow monitoring of the panel status, as armed or disarmed by time schedule or authorized access/shunt. The alarm relay output can be utilized to activate a sounding device or to signal a monitoring system of an alarm condition.

## Optional Equipment

- # 7101 Auxiliary Keypad
- #7200 Series Remote Sounder
- #7600 Series Annunciator/Controller
- #5140 Series Mortise Key Switch
- #5210 Series Push Button Station

## Distributed by: