

## Delayed Egress Electromagnetic Locks



RUTHERFORD CONTROLS

*In or Out... we make it Easy!*

### PLEASE GIVE TO END USER

**Normal Conditions:** In normal conditions with the door closed and locked.

System Status	Light Panel	Local Buzzer (if connected)	Voice (Optional)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Door Locked	Blinking Green	OFF	OFF	OFF	ON

**Nuisance Period:** Some installations have a short nuisance period set to accommodate accidental triggering. If the pressure on the door is withdrawn during the nuisance delay period, the system returns to normal conditions on its own.

System Status	Light Panel	Local Buzzer (if connected)	Voice (Optional)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Nuisance Delay Period	Blinking Red fast	Beeping Sound	“Unauthorized Personnel Prohibited”	ON	ON

**To Exit:** If a Nuisance Delay is enabled, maintained pressure past its time will start the irreversible release delay, If a Nuisance Delay is not enabled, slight pressure will start the irreversible release delay. The release delay time is posted on the door.

Pressure is no longer required on the door.

The lock will release when the delay period ends. The system now needs to be manually RESET using the keyswitch in order for the buzzer and/or voice to stop.

System Status	Light Panel	Local Buzzer (if connected)	Voice (Optional)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Release Delay Period	Blinking Red - slowly	Steady Sound	“The emergency exit system has been activated, the door will unlock in a moment”	ON	OFF
Lock Release	Blinking Red & Green - alternately	Steady Sound	“The door is now unlocked, please exit”	OFF	OFF

**To By-Pass the Delay Period and Exit:** Manually OVERRIDE using the keyswitch to release the door.

When the door closes, the system returns to normal conditions.

\*On occasions wherein the door needs to remain open without the voice repeating, use the ‘To Exit’ sequence above.

System Status	Light Panel	Local Buzzer (if connected)	Voice (Optional)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Exit Switch to Open	Red	OFF	“The door is now unlocked, please exit” *	OFF	OFF

## DE8310 End User Guide (Continued)

**Door Forced Open:** If this happens before the release delay period has lapsed, the buzzer and the voice indicators can only be turned off by switching the system power off.

System Status	Light Panel	Local Buzzer (if connected)	Voice (Optional)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Forced Open	Blinking Red - Fast	Pulsing Sound	“Unauthorized access. Security personnel have been alerted and will arrive momentarily”	ON	OFF

**When Testing the Fire System:** The fire panel disconnect will cut the electrical power to the electromagnetic lock and the lock will release immediately. The light panel, buzzers, voice and/or alarms will not function until the test is complete and power to the lock is restored.

**Power Outages:** In the event of a power outage, the electromagnetic lock will release immediately. The light panel, buzzers, voice and/or alarms will not function until power is restored. The mechanical door latch will keep the door closed and provide limited security.

If door is closed when power is restored, the electromagnetic lock will function in the normal condition. If when the electrical power is restored to the electromagnetic lock and the door is open, the system only returns to normal conditions once door is closed.