End User Guide BML-DE8310
Delayed Egress Electromagnetic Locks

BEST
dormakaba Group

Spanish and French translations are available on https://dhwsupport.dormakaba.com/hc/en-us
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PLEASE GIVE TO END USER

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

System Status	Light Panel *	Local Buzzer (if connected)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Door Locked	Green	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If the pressure on the door is withdrawn during the nuisance delay period, the system returns to normal conditions on its own.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)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Nuisance Delay Period	Blinking Red fast	Beeping Sound	ON	ON

To Exit: If a Nuisance Delay is enabled, maintained pressure past its time will start the <u>irreversible</u> release delay.
If a Nuisance Delay is not enabled, slight pressure will start the <u>irreversible</u> 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 to stop.

System Status	Light Panel *	Local Buzzer (if connected)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Release Delay Period	Blinking Red - slowly	Steady Sound	ON	OFF
Lock Release	Blinking Red & Green - alternately	Steady Sound until reset	ON	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.

System Status	Light Panel *	Local Buzzer (if connected)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Exit Switch to Open (Authorized Exit)	Red	OFF	OFF	OFF

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

System Status	Light Panel *	Local Buzzer (if connected)	Local Alarm Relay Output (if connected)	Remote Alarm Relay Output (if connected)
Forced Open	Blinking Red - Fast	Pulsing Sound	ON	OFF

When Testing the Fire System: The Fire Access Control Panel (FACP) function takes precedence over all inputs. The fire panel disconnect will cut the electrical power to the electromagnetic lock and the lock will release immediately. The light panel, buzzers 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 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.

* The Light Panel color can be switched such that red and green statuses are inverted.
ON: Green LED light when unlocked - Red LED light when locked.
OFF: Red LED light when unlocked - Green LED light when locked (Default setting)

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