



## Delayed Egress

**BML-DE8310** (Delayed egress for single outswinging doors)

**BML-DE8310S** (Delayed egress for single outswinging doors with integral sounder)

### The Delayed Egress Electromagnetic Lock is an All-in-One delayed egress lock with a built-in sensor that detects pressure applied to outward swinging doors.

A built-in sounder makes this ideal for applications requiring loss prevention, life safety and traffic control.

The BML-DE8310 is unique in that there is no need to replace existing door hardware making this an easy and affordable delayed egress solution.



**Energy**  
490mA<sup>1</sup>  
Auto-Sensing 12-24VDC



**Fire-Rated**  
CAN/ULC S104  
UL 10C 1-1/2-Hours



**Strength**  
Up to 1,200lbf Holding Force



**Monitoring**  
Local & Remote Relay  
Outputs & Operational  
Built-In Sounder



**Warranty**  
Five Year Warranty on  
electromagnetic lock. One  
Year Warranty on built-in  
sounder components

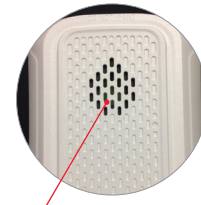


**Mode**  
Fail-Safe

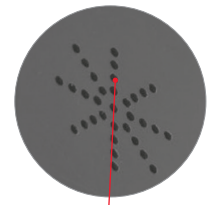
## Electromagnetic Locks

### Easy, affordable and versatile.

This easy and affordable single or double door delayed egress solution is ideal for a number of applications, including loss prevention, life safety, traffic control and custom applications. These DE units have the ability to synchronize 3 or 4 door custom applications. A converter kit is required.†



External Sounder provided with base model (BML-DE8310)



Built-in Sounder

### Product specifications

<b>Housing dimensions</b>	2-1/8" (54mm) x 2-7/8" (73mm) high profile with 10-13/16" (275mm) Length for the base unit 11-3/4" (299mm) with sound option Dimensions include 1/4" (6mm) housing bracket
<b>Armature plate dimensions</b>	5/8" (16mm) x 2-3/8" (61mm) x 7-7/16" (190mm)
<b>Voltage</b>	Auto sensing voltage 12/24VDC
<b>Power/current requirements</b>	Sounder Unit: Max 0.49A at 12VDC; Max .24A at 24VDC Base Unit with External Sounder: Max 0.49A at 12VDC; Max 0.24A at 24VDC
<b>Holding force</b>	Up to 1200 lbs (540kg)
<b>Operating temperature</b>	14° to 140° F (-10° to 60° C)
<b>Finishes</b>	28 Brushed Anodized Aluminum (630) 40 Brushed Anodized Dark Bronze (690)
<b>Monitoring options</b>	Nuisance Delay, Release Delay, Light Panel, Sound Module
<b>Warranty</b>	Five year Warranty on electromagnetic lock One year warranty on built-in sounder components
<b>Certifications</b>	UL 294 Special Locking Arrangement Component (6th Edition) CAN/ULC S104 Auxiliary Locks Listed for fire doors rated up to 1-1/2 hours UL 10C Auxiliary Locks Listed for fire doors rated up to 1-1/2 hours CAN/ULC S533 Special Locking Arrangements Component (4th Edition)

### Optional accessories†

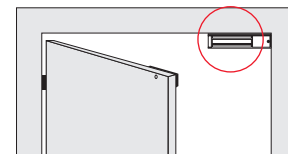
<b>Armature plate holder</b>	<b>BML-AH10</b>
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### Features

#### BEST MultiMag®

- **All-in-One delayed egress lock**
- **Built in "sensor"**: detects when pressure is applied to outward swinging doors
- **Field selectable 15 or 30 second release delay** with field selectable 0 to 3 second nuisance delay (Check with AHJ for code compliance when choosing 30 second delay.)
- **Provision for:** IBC, SBC, NFPA101, UBC, BOCA or NBC of Canada compliance
- **Unique highly visible "Red/Green" light panel:** indicates status of door (local)
- **Available with:** built-in sounder
- **Includes 960 Keyswitch for:** reset and override, 15 second Building Code Sign; base unit includes external sounder
- **Built-in Security Condition Sensor (SCS):** indicates that the door is closed and bonded
- **Dry contact SPDT and DPDT relays:** provided for local and/or remote monitoring
- **Auto sensing voltage from 12 to 24 VDC**
- **Patents:** UL patent 8,292,337 and Canadian Patent 2,632,243

#### Installation



BML-DE8310 Typical Installation

Choose BEST Electromagnetic Locks for a solution that you can trust.



† Base unit, max at 12VDC

† Accessories may impact holding force

† Technical services should be consulted. Special AHJ approval is required.

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