

Delayed Egress by BEST

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:** 490mA¹ 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

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

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.†

Product Specifications	
Housing dimensions	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
Armature plate dimensions	5/8" (16mm) x 2-3/8" (61mm) x 7-7/16" (190mm)
Voltage	Auto sensing voltage 12/24VDC
Power/current requirements	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
Holding force	Up to 1200 lbs (540kg)
Operating temperature	14° to 140° F (-10° to 60° C)
Finishes	28 Brushed Anodized Aluminum (630) 40 Brushed Anodized Dark Bronze (690)
Monitoring options	Nuisance Delay, Release Delay, Light Panel, Sound Module
Warranty	Five year Warranty on electromagnetic lock One year warranty on built-in sounder components
Certifications	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)

External Sounder provided with base model (BML-DE8310)



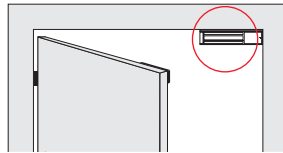
Built-in Sounder

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



† Base unit, max at 12VDC

† Accessories may impact holding force

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

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For questions about ordering and to be sure you get the right configuration for your needs, [contact your BEST dormakaba sales representative](#).
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