

2101 Series

Early Warning Trigger Electromagnetic Lock

- **Monitor Egress Attempts**
- **Use With Delayed Egress Systems**
- **Medium to High Security**
- **Lifetime Warranty**



Description

The 2101 Series is a full size 1200 lbs. holding force electromagnet. It is designed for medium to high security on outswinging doors when there is a need for a signal during an egress attempt. The early warning trigger (EWT) senses door movement while the electromagnet remains locked. Specify for use with delayed egress controllers on commercial, industrial, and institutional openings.

In a typical installation, the door is normally closed and latched by the existing mechanical door hardware and magnetically secured by the 2101 Lock. Attempting to exit by applying 15lbs. or less pressure to the door will cause the door to become unlatched, activating the EWT. This sensor can be used to signal a security officer or an automated controller. Delayed egress controllers, such as the DynaLock model #3101B-ES, sound an audible alarm when there is an egress attempt, allowing the door to open only after a set time has elapsed.

A built-in door status monitor (DSM) eliminates the need for separate door contacts.

Standard Features

- **Low Installation Cost:** Integrated early warning trigger egress sensor works with existing door hardware.
- **A totally plated coil** and armature provides protection against corrosion.
- **Low power consumption** conserves energy, reduces operation cost, and extends battery backup time.
- **12 or 24 VDC:** Field selectable. AC voltage requires optional rectifier (PN# 7088).
- **Multiple Monitoring Sensors:** Door status and early warning sensor standard.
- **No residual magnetism:** The door releases without delay when lock is de-energized.
- **Built-in spike suppression** protects other solid state components within the system from damage when the lock is de-energized.
- **Narrow Backset:** A thin lock section of 1-1/2" may eliminate the need for additional mounting brackets.
- **Lifetime Warranty:** American Made in the USA by DynaLock, with over 20 years experience in the manufacture of electromagnetic locks.

2101 Series Electromagnetic Lock

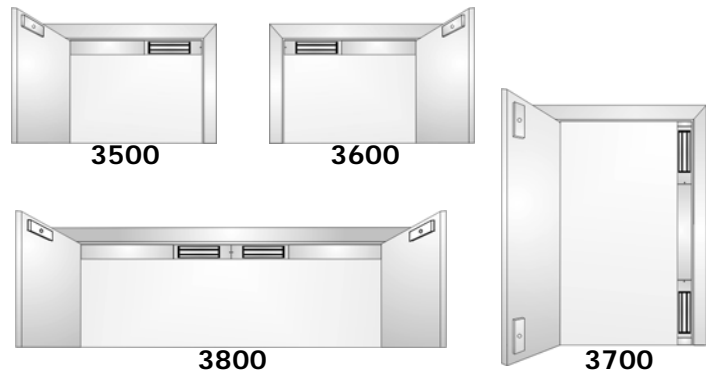
Options

- LP** LOW POWER - 12 VDC only @ 0.16 A
SF SPECIAL FINISH - Standard finish is US28 Satin Aluminum. Special anodized finishes, see price book.

Custom Length Housings

Optional custom length housings are ordered in addition to the lock itself. They are used to provide an unbroken sight line across the header or vertical jamb, for a less conspicuous installation.

- 3500** Single door. One horizontal lock LHR 30" to 48".
3600 Single door. One horizontal lock RHR 30" to 48".
3700 Single door. Two vertical locks up to 96".
3800 Double door. Two horizontal locks up to 96".



Specifications

MECHANICAL

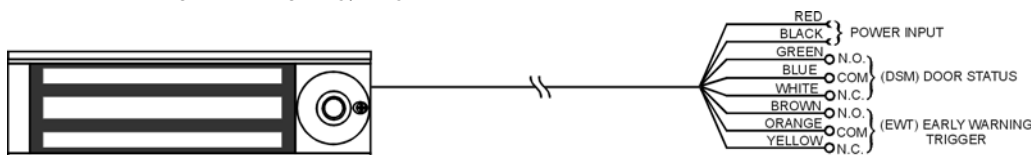
- Holding Force: 1200 Lbs.
Lock Size: 1 1/2" D x 2 3/4" H x 11" L
Armature Size: 1 1/2" D x 2 3/8" H x 7 3/8" L
Lock Weight: 10 Lbs.
Finish: US28 Satin Aluminum with clear anodize. Other Finishes Available

ELECTRICAL

- Input Voltage: 12 or 24 VDC (Field Selectable)
Current Draw: 0.44A @ 12V / 0.22A @ 24V
Contact Ratings: DYN - 0.5A @ 24VDC/VAC
EWT - 20mA @ 20VDC/VAC

Accessories

- 4000 Series** Installation Accessories
Filler Plates: Extend the door stop
Angle Brackets: Extend the header
- 5000 Series** Power Supplies
Solid state power supplies provide proper voltage, time delay and battery backup if required.
- 6000 Series** Exit Controls
Push-buttons in a variety of switching configurations and exit sensor bars.
- 7000 Series** Keyswitches and Keypads
Keyswitches accept most mortise cylinders for controlled access.
Rugged digital entry keypads.
- 8000 Series** Consoles
Desktop, slope front and rack mount fabricated to customer specifications.



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Featuring

DynaLife[®]
Lifetime Warranty