

Magnetic Locks Overview

In a typical installation, an exit door can be opened, closed, and latched by the existing mechanical door hardware. The Platinum 3, Platinum 3B, and Sentry are designed to be used with electromagnetic door locks if an additional level of security is desired. The Platinum 3 and Platinum 3B also work great with motorized automatic doors and elevators.

An electromagnetic door lock (maglock) can be installed to hold the door closed when residents wearing a wander tag on either the wrist or ankle enter a monitored door area while the Platinum 3 or Platinum 3B is in **'Wander Mode.'** The maglock can be used to keep the door constantly locked shut while the Platinum 3, Platinum 3B, or Sentry is in **'Perimeter Mode.'** The Platinum 3, Platinum 3B, and Sentry each have a user programmable 'Time On' and 'Time Off' setting for maglock activation.

By entering an escort code on a keypad on either side of the door an employee can override the locked status for a specified length of time – usually about 30 seconds – to allow authorized individuals ingress or egress through the door. Both the code for this override and the amount of time the override is in effect can be programmed by the user based upon the facility's individual security needs.

Activating the fire alarm will disable the maglock on a door or the electric motor that controls an automated door when connected and serviced properly by your fire alarm protection provider.

Two types of maglocks can be used with our door controllers.

- 1) Hard Lock ~ Lock on door is engaged (locked) or disengaged (unlocked). This type of lock is not by itself NFPA Life Safety Code 101 compliant. Using available accessories with a hard lock plus providing proper employee training may be acceptable to your local governing authority.
- 2) Time Delay Egress Lock ~ Lock on door is engaged (locked) or disengaged (unlocked).....but allows egress after constant pressure is applied for a designated time which makes it NFPA Life Safety Code 101 compliant.

Attempting to exit a door with a time delay egress maglock by applying constant pressure will cause the door with this type of maglock to activate the delay egress timer. The audible alarm and the red LED will pulsate for 15 seconds. After the time delay has elapsed, the lock will release and the audible alarm will sound continuously with a green LED until the door is shut and the lock is reset. A 1 - 3 second nuisance delay can be programmed into the maglock to help prevent unintentional alarming events.

Please consult local codes or your alarm servicing company for assistance with proper maglock selection.

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Platinum 3 System Component Placement Diagram

