

Every Access Control system needs a timer. A timer allows you to set the unlock time of a door.

Without a timer, the door would only unlock for a split second.

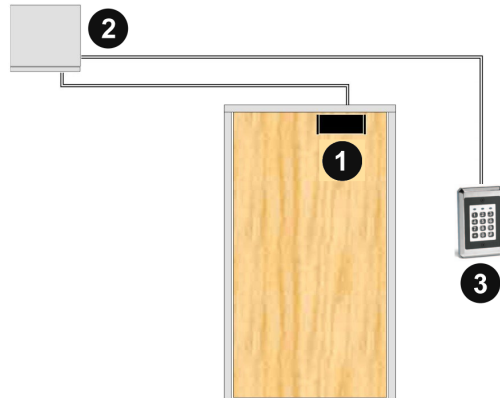
Most often the timer is set at about 7 seconds. This gives people plenty of time to reach a door and open it.

A timer can be placed anywhere within an Access Control system. Most people think the power supply must contain the timer but many systems installed today locate the timer elsewhere.

The example shows a simple system:

1. Mag Lock
2. Power Supply
3. Keypad

Any of the three components can contain the timer.



Mag Lock - Although some models have a self-contained timer these are pretty rare.

Power Supply - Many power supplies allow for an optional timer card to be plugged into the main circuitry. Lower end power supplies often do not have a slot for a timer card.

Keypad - Keypads are sold in different levels of sophistication. Medium and High level keypads often contain a built-in timer.



Check all your components when ordering to see if any include a timer.

If none of the components include a timer, no worries.

In-line timers are readily available and can be spliced into the wiring
(typically right before the mag lock)

The HES SmartPak II is a popular in-line timer.