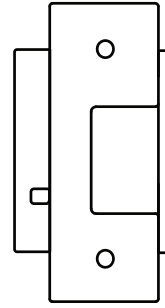*Door Security*
Locks 101

Security within your coworking space is a top priority and we want to make your door access as simple and safe as possible.

Proximity Info Sheet no.01

PROXIMITY

Start by calling a locksmith.

Start by calling a locksmith. Have them give you a quote to install one of these locks and connect it to your Proximity door controller kit.
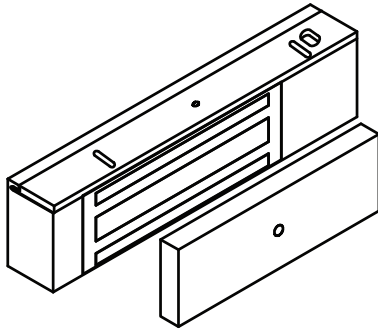

Electric Strike
Our most commonly used door lock and a great default for wood or metal doors. Typically the easiest and most affordable solution.

+ The electric strike is mounted directly on the door frame.

> *Surface mount strikes are mounted on top of the frame and are often used with non-electronic panic or push bars.*

> *Flush mount strikes are placed inside of the frame and are typically seen in more standard door handles.*
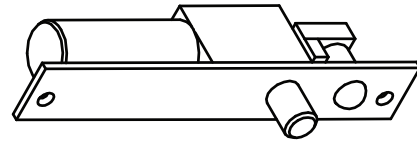
+ With the functionality being in the door frame, the existing door handle/lock can almost always be used.

+ In case of a power outage, use a handle/lock with a manual keyhole. It's a good idea to also use a battery backup so that members may also have access during an outage.

+ Most electric strikes are sent power when the access key (via smartphone) is triggered. Cheaper strikes use continuous power and are triggered when power is briefly cut via the access key.

PROXIMITY

Maglock (Magnetic lock)
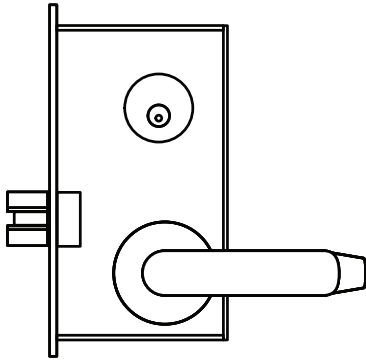*The most practical option for the majority of double doors.*

+ Maglocks are mounted to the top of door frame and magnetically connect with metal plate on the top of the door.

+ In many double door scenarios, maglocks are often the only option unless there is a center bar between the doors or pins.

+ Continuous power is required and maglocks will unlock if there is a power outage - battery backup is required for these purposes.

+ There is no manual key option and therefor cutting power to the entry area is the only override option.

+ An additional piece of hardware is required to allow existing from the inside. This is typically a sensor or a push button (device must be UL listed to meet fire code)

Magnetic Pins
An alternative to maglocks in the case of glass doors.

+ Pins are a sleeker option to a maglock and are often used in the case of glass doors

+ Like maglocks, pins use electricity to protrude and function. This will also require a battery backup in case of power failure.

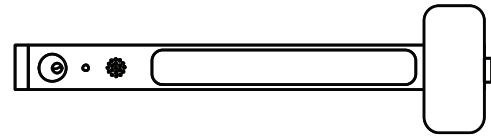+ Magnetic sensors accompany pins in order to sense when the door has returned into place and re-lock

PROXIMITY

Mortise
A clean looking option that's functionality is held in the lock itself rather than in the frame.

+ Often the most expensive option, the mortise lock has a clean look and requires no change in the frame hardware.

+ For maximum sleekness, an electric door hinge can be used to hide cables running through the door to the handle.

+ This type of lock does not work with glass doors

A compatible deadbolt may also be configured with a mortise lock

+ Mortise locks can also be keyed since it looks like a normal lock. This creates a backup plan if there is a system failure.

+ Since the functionality of a mortise runs through the door itself, a door must be used that can support this.

+ A mortise will only work if there is a (non-electric) strike in the frame

Electronic Push Bar
A common option when specific fire code is required.

+ In some cases, laws may require a push bar as there is nothing hindering a fast exit in case of a fire.

+ Often used for doors within spaces that are not a primary entrance or exit

+ May be unlocked from the outside but is locked by default

+ Conversion kits are an option to convert a standard push bar to an electronic push bar

PROXIMITY

Fire codes

Always check your local fire codes. All devices should be UL Listed to meet fire code.

Proximity Door Controller, Sensor and Keypad

Together you'll receive your Proximity door controller, DPS sensor and keypad. Here's what they do:

Door Controller

Your door controller is the primary function for access within your space.

 The door controller brings your lock online so it may be controlled by your digital keys through the Proximity app.

 Each door controller supports up to four doors

 Your door controller should be near your router and have a wired internet connection

 The wiring between the door and door controller should be under 100ft

DPS (door position status) Sensor

With your door access, we've also included a DPS - (door position status) sensor. Here's what your need to know about this device:

 Your DPS lets you see the status of a door's position in your Proximity dashboard

 These are installed on all doors no matter what lock type

 Magnetic functionality triggers a switch to open/close for Proximity to read

 This is not required but highly recommended

 Installing the DPS allows you to get a text message if the door has been propped open

 Two extra wires must be run for DPS installation

Access Keypad

Along with your door access and DPS, we've provided you with a keypad.

 One keypad is included as a system backup

 The keypad is useful when internet is down, but there must still be power.

 Your keypad may be associated with one of the doors you've hooked up to your door access

 The keypad is designed for staff and is used with the pin code associated with membership

 This is also an alternative for members who don't own a smartphone

PROXIMITY

Dry Contact Systems

If a space has an existing system in place that should remain, we can almost always accommodate that by running a dry system over the existing setup.

Wet contact means that the power is running through the controller to the lock functionality via the cable. This is standard whenever our Proximity door controllers are the only system in the building.

If you're looking for us to establish dry contact over an existing system, contact whoever owns this original system and ask if there is a REX (request to exist) input.

Whenever there is a REX input, Proximity can accommodate with a dry contact system.

REX entails two terminals that will override the existing system based on established parameters.

Dry contact may eliminate our door scheduling ability, depending on the rules of the existing system. Functionality could be limited.

If the existing system is connected to an alarm, the ability for a DPS may not be available

In a dry system scenario, the option for a keypad is almost always unavailable.

Full support

Proximity is here to fully support the implementation and the installer of your door system. Please don't hesitate to contact us with any questions you have during your setup and installation process.

Happy Coworking!

∥ PROXIMITY