

MAGNALOCKS

THE ELECTROMAGNETIC LOCK SYSTEM THAT WILL OUTLAST YOUR BUILDING

Magnalocks are designed to secure any type of door or gate that closes against a fixed stop. The product consists of an electro-magnet which mounts on the fixed frame and a strike plate which mounts on the moving door or gate. The strike plate is delivered with fasteners that permit it to flex so that when the door closes, it automatically self aligns with the magnet. Magnetic force then takes over, strongly securing the door. Release is achieved by switching off power to the magnet.

Magnalock comes in a stainless steel case and all ferrous metal surfaces are plated to military specifications. A 10 ft. integral cable makes wiring easy and the **Magnalock** is at home indoors or out. Mounting is via hardened machine screws into self-collapsing blind nuts. Mounting screws and holes are closed off with tamper caps. Sheet metal screws - which can work free - are not used at all. Even the strike sex bolt has a massive 1¼" diameter head.

Magnalocks are remarkably efficient in power use which is especially important when large numbers of **Magnalocks** are operated by a central power supply connected to the fire alarm system. **Magnalock** efficiency generates large cost savings in wire gauge, power supply and battery backup costs.

Internal electronics eliminates problems often found in other designs. We reverse out residual magnetism and accelerate field collapse so that inductive kickback and EMI are suppressed so there's no arcing over control switches or interference with nearby electronic devices. Ferrous metal aging which could lead to stickiness over time is blocked. A U.S. patent has been granted on the **Magnalock's** internal electronics.

Magnalock has no moving parts and therefore possesses an unlimited operating life. It releases every time when switched off so there is nothing to jam.

The **Magnalock** mounts on the other side of the door from an intruder. Mounting position at the top of the door enhances security by allowing the door to flex during an impact attack.

Magnalocks are often employed to secure doors that are also emergency exit paths. When the fire alarm activates, power is removed from all the locks. As there is nothing to jam, the **Magnalocks** release every time.

The **Magnalock** surface mounts using only a drill and allen wrench. There is no routing, mortising or carpentry work needed.

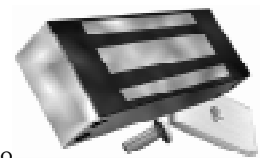
M32



- Provides 600 lbs. "traffic control" security similar to electric strikes
- Recommended for applications where physical assault on the door is not expected
- Lower cost and more compact size
- Operates on 3½ watts

Catalog #	Volts	Volts
M32-12		12VDC
M32-24		24VDC
M32F-12	Face Mount	12VDC
M32F-24	Face Mount	24VDC

M62



- Provides 1,200 lbs. "traffic control" for higher security
- Entry cannot be forced without special tool... or before the door or frame gives way
- Recommended for high security openings and for outdoor use on all gate types
- Operates of 3 watts

Catalog #	Volts
M62	12/24VDC
M62F	Face Mount 12/24VDC

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ALUMINUM FRAME SHIM BRACKET

ASB

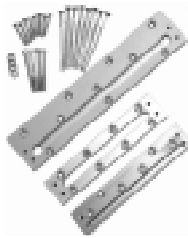


- For use with aluminum frame glass doors
- The bracket spaces the magnet body down ½" to clear the blade stop
- Provides alternate mounting hardware for the strike plate as with the magnet body spaced down
- The standard sex bolt can interfere with the glass

Catalog #	Finish
ASB-32CL	Clear Anodized Aluminum <i>For Magnalock Model 32</i>
ASB-62CL	Clear Anodized Aluminum <i>For Magnalock Model 62</i>

CONCRETE/WOOD FRAME BRACKET

CWB

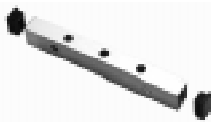


- Used on concrete filled or wood door frames
- On concrete frames the bracket anchors to the frame via sheet metal screws
- Magnet mounts to the bracket via machine screws
- Bracket includes a central splice area and avoids the problem of drilling a wireway through the concrete
- On wood frames, 4" wood screws are employed to penetrate deeply into the header

Catalog #	Finish
CWB-32CL	Clear Anodized Aluminum <i>For Magnalock Model 32</i>
CWB-62CL	Clear Anodized Aluminum <i>For Magnalock Model 62</i>

UNIVERSAL HEADER BRACKET

UHB



- Used to extend a narrow header (often found on aluminum frame glass doors) to permit mounting of the Magnalock
- Bracket is positioned either to extend 1" or 1½"
- Serves to conceal the hookup cable within its hollow interior
- 9½" long

Catalog #	Finish
UHB-CL	Clear Anodized Aluminum <i>For Magnalock Models 32 & 62</i>

HEADER EXTENSION BRACKET

HEB



- HEB-1CL
1" x 1" x 8" for Model 32 & Model 62
- HEB-2CL
2" x 2" x 8" for Model 32 & Model 62
- HEB-3CL
3" x 3" x 8" for Model 32 & Model 62

Catalog #	Finish
HEB-1CL	Clear Anodized Aluminum
HEB-2CL	Clear Anodized Aluminum
HEB-3CL	Clear Anodized Aluminum

DOUBLE DRESS COVERS

DDC



- Will cover a pair of Magnalocks on a double door assuming they are separated by not more than 2"
- Installs in seconds using structural foam adhesive
- Improves the appearance of the installation by concealing the strike
- Improves tamper resistance

Catalog #	Finish
DDC-62BK	Black Anodized Aluminum <i>For Magnalock Model 62</i>

OFFSET STRIKES

AOS



- Alters by ¼" the position of the mounting hole which is occasionally necessary for certain narrow aluminum glass doors to avoid the sex bolt hitting the glass

Catalog #	Description
AOS-62	Offset Strike w/Fasteners <i>For Magnalock Model 62</i>

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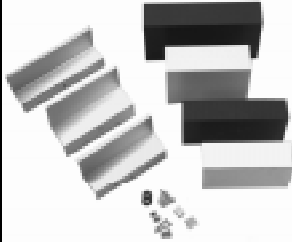
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..... **Z BRACKETS**

Z BRACKETS

- Allows mounting on an inswinging door
- Includes cover which gives the installation an attractive finished appearance



Catalog #	Finish
Z-32BK	Black Anodized Aluminum <i>For Magnalock Model 32</i>
Z-32CL	Clear Anodized Aluminum <i>For Magnalock Model 32</i>
Z-62BK	Black Anodized Aluminum <i>For Magnalock Model 62</i>
Z-62CL	Clear Anodized Aluminum <i>For Magnalock Model 62</i>

..... **UNLATCH[®] MOTORIZED ELECTRONIC STRIKE**

A REVOLUTIONARY BREAKTHROUGH IN ACCESS CONTROL TECHNOLOGY

Securitron's patented **UnLatch** is a completely new type of electric door releasing device which sweeps away the limitations inherent in traditional electric strike designs. The **UnLatch** screws into the existing door frame in seconds. There is no need for routing a special cut-out. This maintains the original strength and integrity of the door frame and yields a fully concealed installation for maximum esthetic appeal.

One version will operate any North American cylindrical type dead latch or spring latch and installs in wood, steel or aluminum door frames. The **UnLatch** releases under pressure and includes a latch status monitoring output as a standard feature.

An access device activates the **UnLatch** for controlled entry. Egress is accomplished by simply turning the lock set lever or knob from the inside.

The **UnLatch** uses a motor driven plunger to push the latch back in to the door. For dead latches, a second plunger separately controls the dead latch pin which is normally maintained in the retracted state for optimum security. The dead latch plunger then releases the dead latch pin just before the first plunger pushes in the spring latch to release the door. When the door is reclosed, the **UnLatch** automatically re-secures it including reestablishing full dead latch security.

The **UnLatch** model can be installed on all door types: steel aluminum or wood. The **UnLatch** is constructed around the standard ANSI 4⁷/₈" strike plate so mechanical installation generally consists of unscrewing the existing strike, and screwing the **UnLatch** into its place. The **UnLatch** can also be installed on frames with residential type ANSI 2³/₄" strikes.

An **UnLatch** installation is physically indistinguishable from a standard mechanical lock set. This enhances security as intruders can't determine how the door is secured.

UnLatch makes precise and active use of the dead latch pin and therefore maintains the dead latch function at all times thereby making the security level the highest of which the door hardware is capable.

The **UnLatch** reliably releases the door even when the person entering is already pulling on it. The rugged design and construction makes it highly resistant to abuse caused failure as the door latch, when rattled, impacts a solid element within the **UnLatch**.

Using an internal sensor, the **UnLatch** "knows" when the door latch is in the secure condition. This vital security information is reported out on SPDT dry contacts. These contacts can be wired to the local alarm or access control system to significantly enhance building security. Any time a door fails to close and resecure, the alarm/access system is aware of it and a guard can be dispatched to check the door and correct the problem. The **UnLatch** becomes a key player in the building's physical security system as it catches propped doors, "sticking" doors, worn out door closers and improper behavior by individuals within the building.

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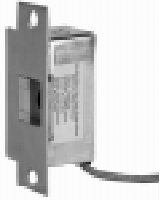
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.....UNLATCH[®] MOTORIZED ELECTRONIC STRIKE.....

UNL



TECHNICAL DATA:

- ✍ Size: Standard ANSI 478" strike
- ✍ Dimensions: 3 3/8" Long, 1 3/8" Wide, 1 1/16" Deep
- ✍ Voltage: 12 & 24 VDC +20% -10%. Full wave rectified DC acceptable
- ✍ Current Draw: (@12VDC) 40mA continuous, minimum 300mA when motor is operating. Higher capacity supply (1-3 Amps) is recommended for start-up inrush to achieve best operation under pre-load
- ✍ Electric Motor: No solenoids

- ✍ Listings: UL R18923 and BP7041
- ✍ Finish: Stainless steel face w/metal enclosure
- ✍ Supplied With: 10 ft. cable
- ✍ U.S. Patents: #5,474,342 and #6,022,056 with other U.S. and international patents pending

Catalog #	Description
UNL-12	12 VDC
UNL-24	24 VDC

.....TOUCH SENSE EXIT DEVICES.....

UNIQUE TOUCH SENSITIVE EXIT DEVICES FOR USE WITH MAGNETIC LOCKS

Securitron's patented **Touch Sense Bar** is the perfect device for an exit device that does not require any special tools or knowledge. The simple act of touching the bar (even through gloves or clothing) trips an electronic sensor which immediately releases the lock. It is the ultimate in egress reliability and safety. Having no moving parts, it does not suffer mechanical wear.

Comes with fastener sets allowing quick and strong installation on metal, aluminum-frame glass or wood doors of all types. A stainless steel door cord is supplied to route wiring (16 ft. cable supplied) off to the door frame.

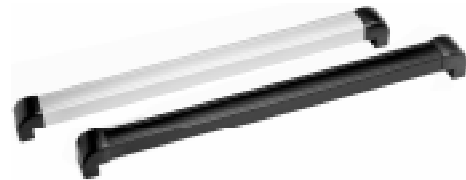
Many applications call for controlled entry from the outside of the door and free egress from the inside. Use of the **Touch Sense Bar** as the egress device makes this simple, safe and reliable. The units each have a double pole relay output. The NC contacts are wired to directly break power to the magnetic lock when the unit is touched. The ND contacts connect to the REX (request to exit) terminals in the access system controller so that no alarm event is created during free egress. Extra safety is achieved because in the event of a failure in the access control system, the Touch Bar will still directly release the lock. This "double break" approach is increasingly being mandated in U.S. building codes.

The **Touch Sense Bar** include a backup release circuit via a push button and reference label.

TSB

TECHNICAL DATA:

- ✍ Power: 12-24 volt AC or DC
- ✍ Current Draw: 5mA at rest, 25mA active
- ✍ Contacts: DPST (NC & NO) 1 Amp at 24 volts
- ✍ Wire: 6 conductor, 22 gauge, 16 ft. provided
- ✍ Patent: U.S. Patent #4,871,204
- ✍ Listings: TSBs are UL Listed as a part of Securitron's locking systems for exit doors. SA6635 & BP7041, US and Canada. They are UL recognized for use with any electromagnetic lock
- ✍ Length: 36"



Catalog #	Description	Finish
TSB-3BK	Touch Sense Bar	Black Anodized
TSB-3CL	Touch Sense Bar	Clear Anodized
TSB-3BCA	Mounting Base & Cap Assembly	Black
TSB-3C	18" Armored Door Cord	
TS-4	Touch Sensor For TSB-3	

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EXIT CONTROL

ILLUMINATED EXIT BUTTONS TO DEACTIVATE ANY ELECTRIC LOCK

Securitron's series features mounting on brushed stainless steel plates and include an exit prompt instruction for each model. Hookup is from colored flying leads or labeled screw terminals. These exit buttons are attractive, rugged, reliable and suitable for installation anywhere.

SP-1



- Uses patented Securitron touch sensing technology to create a push panel with no moving parts
- Nothing to wear out or break off
- Operates with a simple touch
- Includes an internal timer so a brief touch will operate the unit for up to 25 seconds
- 1 Amp DPST contacts
- Mechanical redundant backup switch
- Comes with a brushed stainless steel face plate, surface mount plastic backbox and 16 ft. cable

Catalog #	Description
SP-1	Touch Sense Plate
CAB-6 ..	16' 6 Conductor Cable w/Connector

PB-2



- Large, heavy-duty 2" diagonal flush button
- Illuminated by a 25,000 hr. 12/24 VCD incandescent bulb
- Includes a super-bright red LED
- Available with momentary operation on a single gang plate only
- SPDT 10 Amp contacts and is delivered with a backbox

Catalog #	Description
PB-2	Momentary SPDT Single Gang

PB3ER



- Compact 1" x 1¼" push button
- Can be supplied on a narrow stile plate
- Switch has 3 Amp, DPST, UL listed contacts
- Can be converted to DPDT in the field
- 12-24 VDC bi-color illumination
- Surface mount version perfect for mounting under a desk

Catalog #	Description
PB3ER	Push Button Remote Momentary

KEYSWITCHES

FOR ELECTRONIC SECURITY CONTROL

Securitron's Keyswitches deliver broad control capabilities for diverse applications in electronic security. **Keyswitches** provide an inexpensive and compatible method for authorized personnel to control or signal from various locations within the facility.

Numerous door control functions can be achieved such as momentary, alternate or timed authorized use. Alarm points may be shunted and devices such as CCTV cameras may be taken in and out of operation.

The **Mortise Keyswitch (MK)** series is normally delivered without cylinder but will accept any U.S. brand 1¼" or 1½" mortise cylinder with any cam. The cylinder is simply screwed into the **MK** on site and may be keyed as necessary. The **MK** series includes the capability of adding a second switch which activates when the key is turned in the opposite direction. You can achieve dual momentary, dual alternate or a momentary-alternate keyswitch permitting many powerful applications. The switches are individually mounted so the unit can be easily changed or upgraded in the field.

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KEYSWITCHES

MK



- Brushed stainless steel single gang or narrow stile face plate
- Both standard and tamper screws are furnished
- Contacts: SPDT or DPDT 5 Amp switch output, momentary or alternate
- Red/green bicolor LE which operates on 12 or 24 VCD is standard

Catalog #	Description
MKA	Mortise Key Switch Alternate Single Gang
MKAN	Mortise Key Switch Alternate Narrow Stile
MK2	Mortise Key Switch Momentary DPDT Single Gang
MKN2	Mortise Key Switch Momentary DPDT Narrow Stile
MKA2	Mortise Key Switch Alternate DPDT Single Gang

DIGITAL ENTRY SYSTEMS OPERATES ANY ELECTRIC LOCK

The **Digital Entry System** features a fully waterproof design that can mount directly on a narrow stile door frame. For higher security the keypad surface mounts via hidden screws and the CPU board mounts with steel enclosure inside the protected area (a 6 ft. cable furnished). No matter what a vandal may do to the keypad itself, the door will not open.

The **Digital Entry System** operates a 5 Amp DPDT relay to switch any type of fail-safe or fail-secure electric lock or strike. Release time is programmable from 1-99 seconds. A beeper and three LED's provide feedback during operation and programming.

The **Digital Entry System** supports a 5-7 digit program code which is set initially from a button on the CPU board. Subsequent entry of this code allows programming up to 59 user codes. Codes may be individually deleted and replaced. A "hard code" can be set from the CPU board only. All codes are stored in non-volatile memory so they are retained in a power failure.

You can connect any normally open switch to the CPU board's REX input to trigger the timed relay for either an exit switch or remote release button. You can convert the timed relay to alternate action (toggle mode) so that when the code is entered, the relay energizes and de-energizes only when a valid code is entered a second time. The **Digital Entry System** incorporates an internal alarm function so that when 16 wrong digits are pressed, the beeper sounds for 30 seconds and the keypad is locked out.

DK-26



- 1½" x 7" x 1"
- Cable: 16 foot, 12 conductor, 22 gauge
- Outdoor or indoor use
- Case stainless steel with 11 EPDM rubber keys (10 digits and bell key)
- 12 to 24 volts, AC or DC
- Supports a 5-7 digit program code

Catalog #	Finish
DK-26SS	Satin Stainless
DK-26BK	Black

TIMERS

TM-9



- TimeMate release hold miniature timer
- Functions to extend momentary switch closures (N/D) up to 36 seconds
- Provides 2-36 second dipswitch set timing with a 3 Amp SPDT output
- Operates on 12VDC and 24VDC/VAC
- Housed in a plastic enclosure small enough to be mounted in the backbox with the keyswitch
- Allows you to extend the power of your keyswitch at will

Catalog #	Description
TM-9	¾" x 1" x 2"

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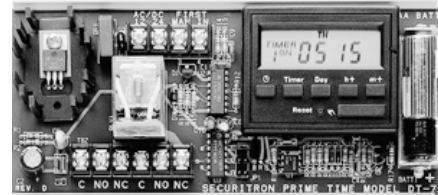
..... **TIMERS**

DT-7

- Digital 7-day timer
- Used to turn electric locks or other security systems on and off at programmed times
- 10 Amp DPDT relay can be operated in toggle or pulse mode at selectable times during the week
- 12 programmed on/off times set daily, on selected days, or on blocks of days
- Exclusive "First Man In" delays operation until an external switch changes state which automates holiday programming
- 12-24 volts AC or DC
- AA cell provides five years backup to the display program memory

Catalog #	Description
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DT-7 7" x 3", 12/24 Volt, AC/DC



..... **EXIT DELAY LOGIC TIMER**

BA-XDT-12

- The brains of Securitron exit delay systems
- Times have selectable operating modes to comply with any exit delay building code rules mandated by NFPA, UBC, BOCA, SBC or the National Building Code of Canada
- Digitally set via precise dip switches, far superior to analog pots
- Surface mounted metal enclosure with key and Sonalert

Catalog #	Description
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BA-XDT-12 12VDC



..... **EXIT MOTION DETECTOR**

XMS

- Specifically configured to reliably release magnetic locks as opposed to detecting an intrusion
- Operation is fail safe
- Lock will automatically release should the detector lose power
- Lock control switching is done by a heavy duty field effect transistor
- Lock released state is maintained for a trailing four seconds after detection

Catalog #	Description
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XMS 12VDC



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POWER SOURCES

BPS

- Includes integral battery charging capability with capacities from one to 15 Amps
- All wiring is Class 2 rated by UL
- Incorporates a fused AC input and a regulated DC output
- 2.5 Amp current limiting automatic breaker protects the stand-by batteries from driving into a short circuit
- In the event of a DC short, the supply's regulator will go into thermal cut-off switching off the output
- Power supply enclosure is large enough to include at least two optional four amp-hour batteries and the unit can charge up to 20 AH pack

Catalog #	Description
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BPS-12-1	Power Supply 12VDC, 1 Amp
BPS-12-3	Power Supply 12VDC, 3 Amp
BPS-24-1	Power Supply 24VDC, 1 Amp
BPS24-3	Power Supply 24VDC, 3 Amp
B-12-4	Battery 12VDC, 4 Amp Hour
B-24-4	Battery 24VDC, 4 Amp Hour
PSP-12	Power Supply Plug-In 12VDC, 700mA <i>2 1/4" x 2 1/4" x 2 1/2" with 16" wire leads</i>
PSP-24	Power Supply Plug-In 24VDC, 350mA <i>2 1/4" x 2 1/4" x 2 1/2" with 16" wire leads</i>



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