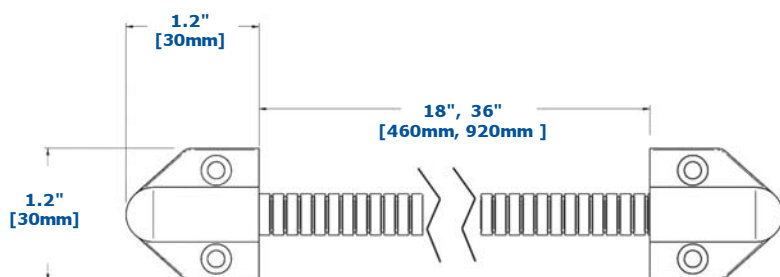# Power Transfer Devices

## Door Cord (TSB-C)

- Simplest and most economical solution for power transfer
- Standard with Touch Sense Bar and MGL but may also be purchased separately
- Consists of an 18" [460mm] or 36" [920mm] armored stainless steel cable and plastic end pieces in two colors: light gray and black
- Cable has an interior diameter of .25" [6mm]
- Supports interior wire cables up to .2" [5mm] thick

1.2" [30mm]

18", 36" [460mm, 920mm]

1.2" [30mm]

## How To Order

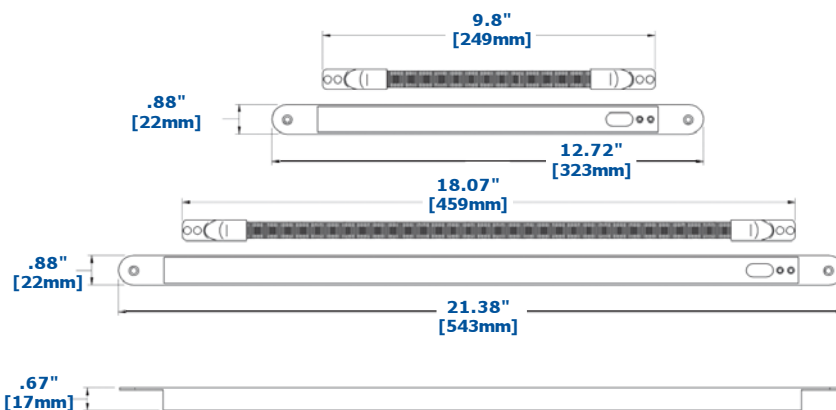| Part # | Description |
|--------|-------------|
| TSB-C | Door Cord With Gray/Black Caps 18" Cord |
| TSB-CXL | Door Cord With Gray/Black Caps 36" Cord |

## Electrical Power Transfer (EPT)

- Installs in the door and frame edges
- Accepts a thick cable and protects it within a flexible steel shield
- Near universal device that will work on any type of door hung using butt hinges, continuous hinges or pivots
- Will not function on a center pivot door
- Manufactured by Abloy Oy for Securitron

## How to Order

| Part # | Description |
|--------|-------------|
| EPT | Electrical Power Transfer |
| EPTL | Electrical Power Transfer, Long |

9.8" [249mm]

.88" [22mm]

12.72" [323mm]

18.07" [459mm]

.88" [22mm]

21.38" [543mm]

.67" [17mm]

**Access Control Accessories**

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# SECURITRON®

**Access Control Accessories**

# Power Transfer Devices

### Electric Hinge (EH)
- Transfers power with the highest level of concealment
- Produces the most aesthetically pleasing installation
- Two different electric hinge configurations:
    4 1/2″ x 4″ (model EH-40)
    4 1/2″ x 4 1/2″ (model EH-45)
- Manufactured by McKinney Hinge

### Specification Data
500mA current carrying capability
6 conductor, 28 gauge wire

4.5"
[114mm]

4", 4.5"
[102, 114mm]
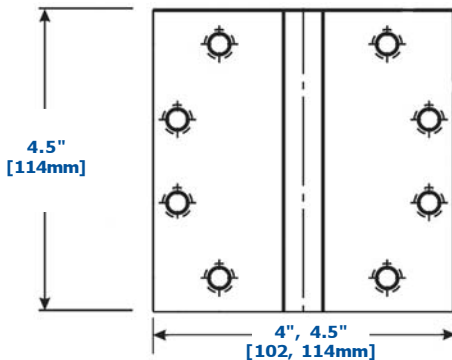
### How To Order

| Part # | Description |
| --- | --- |
| **EH-40** | Electrified Hinge 4.5" x 4" Stainless 5 Wire |
| **EH-45** | Electrified Hinge 4.5" x 4.5" Stainless 5 Wire |

# LED Monitors

### Zone Light Panels (ZLP)
- Provides visual status of a lock or other device
- Stainless Steel Face Plate

### How To Order

| Part # | Description |
| --- | --- |
| **ZLP-1** | 1 Set of Red & Green LEDs, Narrow Stile |
| **ZLP-2** | 2 Sets of Red & Green LEDs, Single Gang |
| **ZLP-4** | 4 Sets of Red & Green LEDs, Double Gang |

1.75"
[44mm]

4.5"
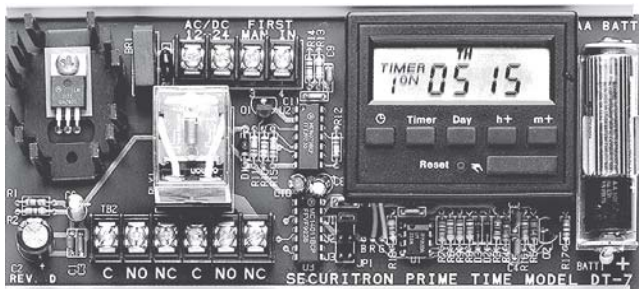[114mm]

**ZLP-1**

2.75"
[70mm]

4.5"
[114mm]
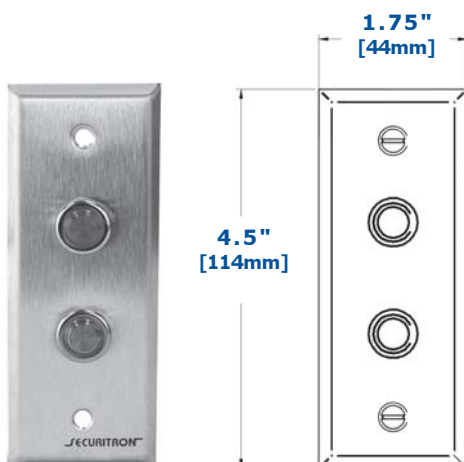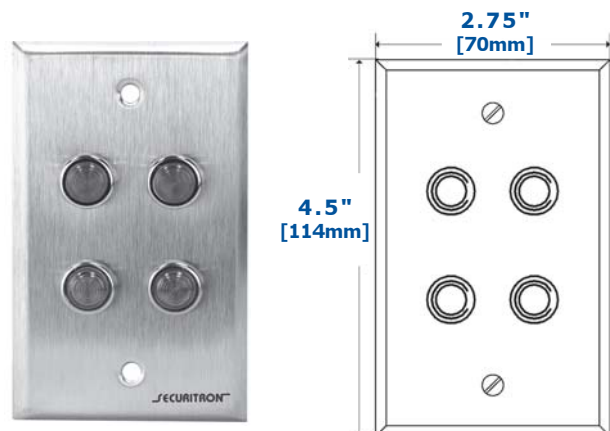
**ZLP-2**

# Timers



## Prime Time Digital Timer (DT-7)

**Application - Used to turn electric locks or other security systems on and off at programmed times.**

- 7-day digital timer
- 10 Amp DPDT relay can be operated in toggle or pulse mode
- 12 programmed on/off times set daily (6 on, 6 off), on selected days, or on blocks of days
- "First Man In" feature delays operation until an external switch changes state and automates holiday programming in many applications
- 12 or 24 VAC or VDC
- AA battery provides backup to the display module program memory



3.19" [81mm]
2.5" [63mm]
7" [178mm]
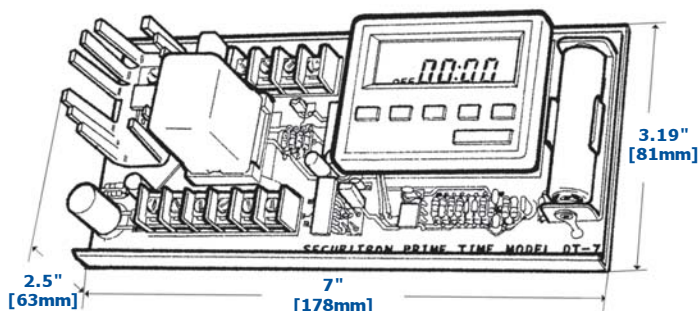
## How to Order

| Part # | Description |
|--------|-------------|
| DT-7 | Prime Time 7 Day Digital Timer |

## Time Mate Timer (TM-9)

**Application - When used with a momentary keyswitch or pushbutton, the TM-9 will unlock a door for the timer's pre-set time.**



- Miniature timer extends momentary switches up to 36 seconds
- Commonly used in outlet boxes with keyswitches or push buttons
- Fits in the backbox or can be mounted separately with double stick tape
- 3 Amp SPDT relay energizes for 2 to 36 seconds
- Time setting is selected by DIP switches rather than by a pot
- Applications include releasing electric locks and shunting alarm contacts
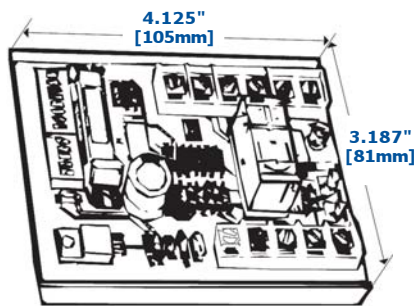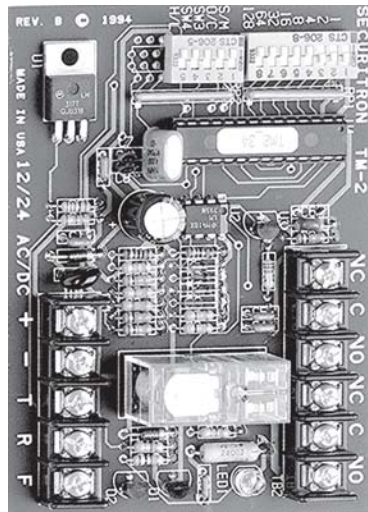- 12 or 24 VDC



.75" [19mm]
2" [52mm]
1" [25mm]

## How to Order

| Part # | Description |
|--------|-------------|
| TM-9 | Time Mate Timer |

**Access Control Accessories**

**57**

# Electronics

**4.125"**
**[105mm]**

**3.187"**
**[81mm]**

## Time Master II Multi Function Timer (TM-2)

**Application - The ideal solution for unusual time sequencing requests like bank or ATM vaults.**

- Industrial quality multi-function timer
- 12 or 24 VAC or VDC with 5 Amp DPDT relay output
- DIP switches select delay times of 1 to 255 seconds or minutes
- Seven operating modes:
  - ON delay (timer is powered; relay energizes after delay and resets when the timer is unpowered)
  - Triggered ON delay (same operation started from external switch)
  - OFF delay (timer is triggered; relay energizes immediately and resets after delay)
  - One shot (non-retriggerable OFF delay)
  - Toggle (trigger closure energizes relay; next closure reset etc.)
  - Cyclic (relay cycles on and off at time interval set)
  - Pulse output (relay pulses for 1/4 second as external switch changes state)
- Triggering can be from an N/O or N/C switch
- Includes a flashing LED drive output providing visual indication of the time remaining

### How to Order

| Part # | Description |
|--------|-------------|
| TM-2 | Time Master II Multi Function Timer |

**BA-XDT**

**2.5"**
**[63mm]**

**5.25"**
**[133mm]**

**5.25"**
**[133mm]**
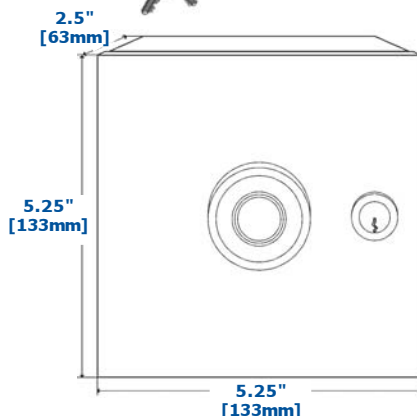
### Exit Delay Timers
- Meet all code requirements including the BOCA 30 second relock function
- Nuisance delay and release times are digitally set using precise DIP switches
- Supplied alone, or in an enclosure mounted with SonAlert
- BA-XDT is a surface mount box
- FA-XDT is a flush mount plate
- 5 Amp relay
- **UL Listed**
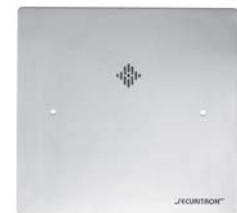
**FA-XDT**

### How to Order

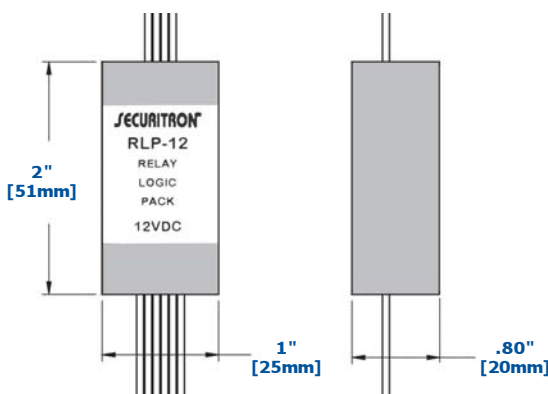| Part # | Description |
|--------|-------------|
| XDT-12 | Exit Delay Timer 12VDC |
| XDT-24 | Exit Delay Timer 24VDC |
| BA-XDT-12 | Exit Delay Timer Surface Mount Box 12VDC |
| BA-XDT-24 | Exit Delay Timer Surface Mount Box 24VDC |
| FA-XDT-12 | Exit Delay Timer Flush Mount 12VDC |
| FA-XDT-24 | Exit Delay Timer Flush Mount 24VDC |
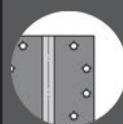
# Electronics

## Relay Logic Pack (RLP)

**Application - Can be used as a DPDT latching alarm relay or for two door interlocks (mantrap).**

- Multi-function circuit pack
- Allows integration of lock status sensing outputs with access control systems requiring N/O or N/C dry status signals coupled with a delay before lock status changes state
- Creates a relay interlock circuit
- Creates an interlocked trap entry (when coupled with 2 electric locks)
- Can function as a DPDT relay with 1 Amp contacts
- Can provide time delay of door operator when electric lock is used

2"
[51mm]

1"
[25mm]

.80"
[20mm]

### How to Order

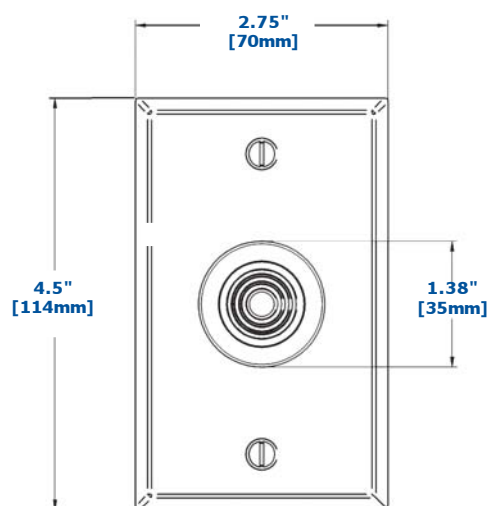| Part # | Description |
|--------|-------------|
| **RLP-12** | Relay Logic Pack 12VDC |
| **RLP-24** | Relay Logic Pack 24VDC |

## Piezo (PZ1)

**Application - Used as a remote alarm sounder for exit delay or remote door prop.**

- Remote annunciator
- Powerful SonAlert sounder
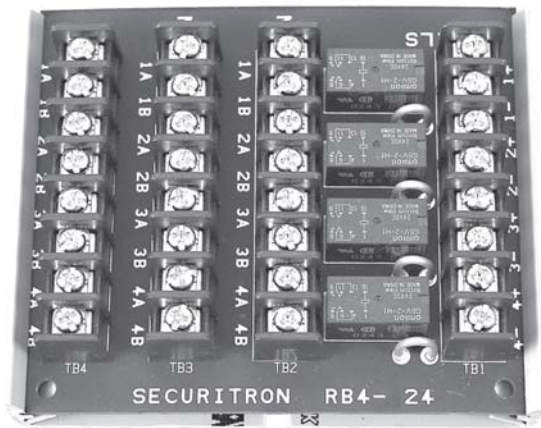- Stainless steel single gang plate

2.75"
[70mm]

4.5"
[114mm]

1.38"
[35mm]

### How to Order

| Part # | Description |
|--------|-------------|
| **PZ1** | Piezo Single Gang |

**Access Control Accessories**

# Electronics



**RB-4-24**

## Relay Board (RB)

**Application - The RB4 board is used for interlock installations and where a basic relay board is needed.**

- Add relays for uses including shunting, interlocking and reporting
- Individual coil connections - common negative or positive
- Replaces socket mount relays
- Mounts 4 DPDT relays with 2 Amp contacts
- All dry contact connections are brought out on screw terminals
- Relays have low current coils (13mA at 12VDC; 8mA at 24VDC)
- Allow operation from most LED drive outputs

## How to Order

| Part # | Description |
|--------|-------------|
| **RB-4-12** | Relay Board 12VDC |
| **RB-4-24** | Relay Board 24VDC |



**DPA**
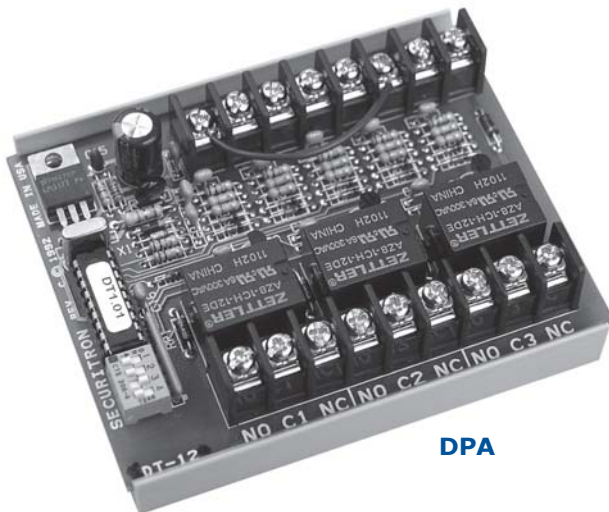


**BA-DPA**

## Door Prop Alarm (DPA)

**Application - The DPA is designed to detect and deter a door from being left propped open.**

- Multi-functional control timer that operates as a door prop alarm
- Monitors whether the door has been "propped" open
- Can detect attempts to tamper with lock or door status
- Includes three outputs providing local and remote signaling
- Bypass mode for valid access/egress needs
- Duress alarm function when used with a N/O switch
- 5 Amp relay
- 12 or 24 VDC

## How to Order

| Part # | Description |
|--------|-------------|
| **DPA-12** | Door Prop Alarm 12VDC |
| **DPA-24** | Door Prop Alarm 24VDC |
| **BA-DPA-12** | Door Prop Alarm - enclosed 12VDC |
| **BA-DPA-24** | Door Prop Alarm - enclosed 24VDC |

# Door Position Switches

**MSS-1**

**MSS-1C**

**MSS-1G**

## Maximum Security Switches (MSS)

- Used to monitor the open/closed status of doors, windows, gates, machinery safety barriers or other moving assemblies
- Supplied in three versions for different environments:

  Door with hollow frame =
  MSS-1 provides a jacketed cable

  Other types of openings =
  MSS-1G includes a 3-foot [936mm] stainless steel cable

  Standard ANSI 4 7/8 " strike cutout =
  MSS-1C is a concealed unit

- False alarm reduction
- Versatile indoor-outdoor application
- Optional remote test feature

## Specification Data

**Main Output:**
SPDT at max of 125mA @24V or 250mA @12V

**Tamper Output:**
Closed when secure; open to alarm - 1 Amp max current

**Operating Temperature:**
-40 to +150F
[-40 to +65C]

**Operating Gap:**
Optimum centered separation distance is marked on each unit.  It is typically between .3" -.475" [8mm-12mm] ± tolerance around this optimum separation ranges from .2" [5mm] to .3" [8mm]

**Warranty:** MagnaCare Lifetime Replacement Warranty

4.25"
[108mm]

1.5"
[38mm]

.75"
[19mm]

4.25"
[108mm]

.75"
[19mm]

.75"
[19mm]

## How to Order

| Part # | Description |
|---|---|
| **MSS-1** | High Security Switch Surface Mount |
| **MSS-1-RT** | High Security Switch Surface Mount Remote Test |
| **MSS-1C** | High Security Switch Concealed |
| **MSS-1C-RT** | High Security Switch Concealed Remote Test |
| **MSS-1G** | High Security Switch Surface Mount Conduit |
| **MSS-1G-RT** | High Security Switch Surface Mount Conduit Remote Test |

# Latch Monitors

**Access Control Accessories**
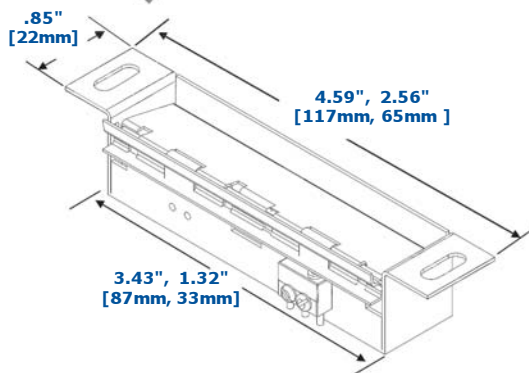
**Latch Monitors (LML, LMS, LMD)**

**Application - The LM Series is designed for reporting back to an alarm system to indicate that a door is latched, thereby reducing possible false alarms.**

- Electronically verify mechanical latch and bolt positions
- Detect and report that a door is actually latched or bolted, not just closed
- Installs easily concealed behind existing hardware
- Require no jamb or strike plate modification
- LMS-1 includes a single SPDT switch and fits any standard 2 3/4" ANSI cut out
- LML-1 also has a single SPDT switch and fits any standard 4 7/8" ANSI cut out
- LML-2 monitors a mortise latch and deadbolt separately, has two separate SPDT switches, and fits any standard 4 7/8" ANSI cut out
- **UL Listed**

.85"
[22mm]

4.59", 2.56"
[117mm, 65mm ]

3.43", 1.32"
[87mm, 33mm]

## Specification Data

**Contact Rating:**
SPDT 2 Amp @ 24V

**Operating Temperatures:**
-40 to +160F
[-40 to +71C]

**Warranty:** MagnaCare Lifetime Replacement Warranty

## How to Order

| Part # | Description |
| --- | --- |
| **LML-1** | Latch Monitor ANSI 4 7/8" |
| **LML-2** | Latch Monitor ANSI 4 7/8" w/Deadbolt |
| **LMS-1** | Latch Monitor ANSI 2 3/4" |

**Bolt Monitor (LMD-1)**
- Can be used with an Adams Rite MS type deadlock
- Reports the locked or unlocked status of narrow stile aluminum frame doors, including sliding glass doors
- Installs quickly without routing

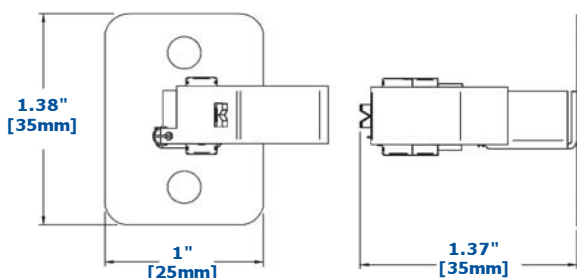## Specification Data

**Contact Rating:**
SPDT 2 Amp @ 24V

**Operating Temperatures:**
-40 to 160F
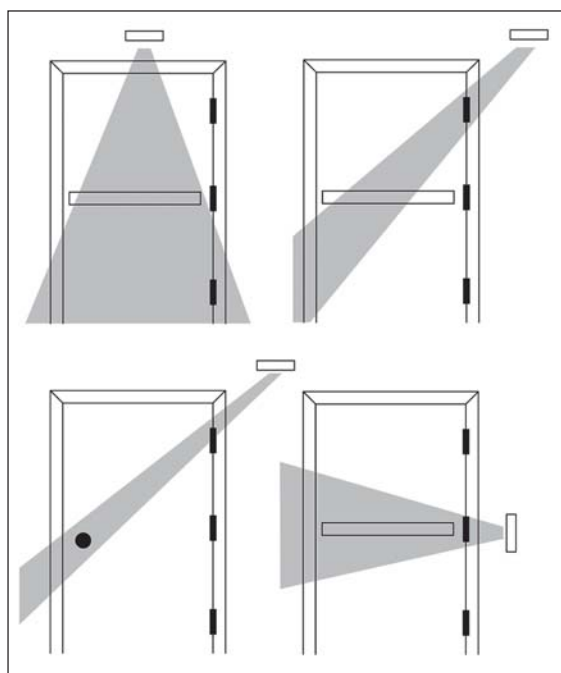[-40 to 71C]

**Warranty:** MagnaCare Lifetime Replacement Warranty

## How to Order

| Part # | Description |
| --- | --- |
| **LMD-1** | Latch Monitor for Aluminum Door Deadlock |

1.38"
[35mm]

1"
[25mm]

1.37"
[35mm]

# Exit Motion Sensor - (XMS)



**Application - The XMS Passive Infrared Request-to-Exit Device is a motion detector specifically designed to reliably release magnetic locks.  A person approaching the door is "seen" by the motion detector just before reaching the door.**



## Features and Benefits

• Passive Infrared Request-to-Exit Device
• Designed to reliably release magnetic locks
• Automatically cuts power to the lock, allowing the individual to exit without even realizing that the door is secured.
• **UL Listed**

## Specification Data

**Input voltage:**
12 or 24 VDC
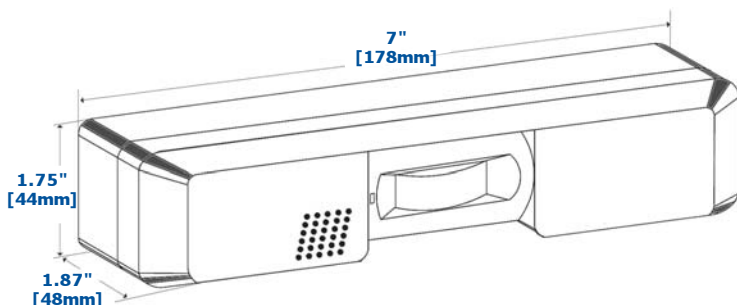**Power draw:**
20-50mA, depending on switching status
**Environment:**
Indoor use only
**Warranty:** MagnaCare Lifetime Replacement Warranty



7"
[178mm]

1.75"
[44mm]

1.87"
[48mm]

## How to Order

| Part # | Description |
|--------|-------------|
| XMS | Exit Motion Sensor |

**Access Control Accessories**

# Lock Control Panels

**Desktop Cabinet**

**Application - The LCP Series panel is designed to operate any DC electric lock or strike that operates on 12 or 24 VDC (fail safe or fail secure). Other electric locks can be accommodated by adding relays.**

Each LCP Series panel is constructed of control zones supplied in multiples of four. A single multi-color monitoring LED per zone displays four possible conditions of the lock: Green shows that the zone is secure, and this may be driven from a door switch, lock status switch or the power status of the lock. "Off" shows that the lock has been "legally" released from either the panel control switch or from a remote switch at the door. In this condition, the toggle switch itself illuminates yellow. Red is the alarm condition showing that a lock which should be secure is not reporting secure. This condition is latching and is reset from a momentary switch once the zone has been resecured. A Sonalert accompanies the red "violation" condition. Orange shows that the zone has been resecured and is ready for alarm reset. After reset, the indicator turns green again.

**NEMA-1 Locked Wall Cabinet**

**19" Rack Panel (face mount)**

## Specification Data

**Current draw:** Depends on version: 60mA maximum per zone.
**Switching Capability:** Lock current is maximum 1.5 Amps with 3 Amp inrush acceptable
**Power:** Panel available for 12 or 24 VDC operation. Unregulated voltage is acceptable.
**UL Listed:** USA & Canada: SA6635 and BP7041

## Dimensions (H x W x D)

**Flush Mount Wall Plate**

**Desk Mount:**
4-8 zones: 5" x 11 3/4" x 13 3/4" [127mm x 299mm x 349mm]
12-24 zones:5" x 16 3/4" x 13 3/4" [127mm x 425mm x 349mm]

**Wall Mount:**
4 zones: 10" x 10" x 4" [254mm x 254mm x 102mm]
8-16 zones: 12" x 12" x 4" [305mm x 305mm x 102mm]
20-24 zones: 16" x 12" x 6" [406mm x 305mm x 152mm]

**Rack Mount: (H x W)**
4-12 zones: 5 1/4" x 19" (3U) [133mm x 483mm]
16-24 zones: 10 1/2" x 19" (6U) [267mm x 483mm]

**Flush Mount: (Cutout)**
4 zones: 10" x 8" x 4" [254mm x 203mm x 102mm]
8-16 zones: 12" x 12" x 4" [305mm x 305mm x 102mm]
20-24 zones: 18" x 12" x 4" [457mm x 305mm x 102mm]

**Access Control Accessories**

# Lock Control Panels

## How to Order

**Each LCP is made to customer specifications.  Please contact factory for exact quotation.**

**Part #**
**LCP**   Lock Control Panel

**Zone requirements**
4 to 24 zones per panel

**Voltage**
12 or 24 VDC

**Upgrade Options**
see below

**Mounting**
**D**      Desktop Cabinet
**W**      NEMA-1 locked wall cabinet
**R**      19" rack panel (face mount)
**F**      Flush mount plate with back box

**For example:**
**LCP-4-12-R-AM =**
LCP, 4 zones, 12VDC, additional monitoring lights option, rack mount
**LCP-12-24-W =**
LCP, 12 zones, 24VDC, wall cabinet mount

---

**Upgrade Options**

**SLR - Silence latch with recurrent reminder signal**
This option adds a momentary illuminated button which is used to silence the Sonalert only after it has sounded. When the Sonalert has been silenced the button illuminates and a built-in reminder tone is emitted. Once the alarm condition is cleared, the silence function automatically resets so that Sonalert will sound again for the next alarm event.

**ER - Emergency all release (fail safe locks only)**
This option adds an alternate action illuminated button which, when pressed, illuminates and immediately releases all locks. Pressing the button again restores power to the locks. This option is used only with fail safe locks.

**AM - Additional set of monitoring lights (per four zones)**
This option adds a second LED (yellow) to each control zone. The LED illuminates from an external closure or voltage input and at the same time, a pulsing Sonalert sounds. The most common use for this option is to annunciate the start of exit delay for a fail safe lock in the NFPA 101 delayed exit installation. Other conditions, depending on the specific job, can also use this capability.

**KB1 or KB2 - Key switch control bypass**
The bypass keyswitch, when turned off, secures all zones and shunts out the control switches and emergency release button (if one has been supplied) so that the panel may be left unattended for a time.  This option yields a mortise cylinder type keyswitch with cylinder supplied. The suffix "1" is wired for fail safe locks. The suffix "2" is wired for fail secure locks.

**MOM - Momentary Control Switches (Alternate is standard)**
This option changes the lock control toggle switches from alternate (standard) to spring loaded momentary. It is used if the installation permits only momentary release of a lock from the panel. (Momentary switches are not illuminated)

**HT - Heavy duty push button switches (per four zones)**
The standard toggle switches are limited in life to about 30,000 operations. This is more than adequate for most installations where the panel switches are used sporadically but for high volume use, we suggest push button switches, with a life of about 200,000 operations.

Access Control Accessories