Life Safety and Security Door Hardware
**EAX®-500 HOW TO ORDER**

**EXTENDED BYPASS**
0 = Alarm must be manually turned off*

**NON-EXTENDED BYPASS**
(When arming delay expires, if the door is open, the alarm will sound)
2 = 2 min. Auto Re-arm
3 = 10 min. Auto Re-arm
4 = 20 min. Auto Re-arm
5 = Alarm sounds if door is open after arming delay. Manual Re-arm only

**COLOR**
For standard gray, leave blank
BK = Black

**WEATHERIZED**
W = Weatherized

**ARMING DELAY**
0 = 15 Seconds*
1 = 1 Seconds
2 = 5 Seconds

**SIGNAGE**
For standard red with white letters in English, leave blank
RWS = Red with white letters Spanish
GWE = Green with white letters English
GWF = Green with white letters French
RWF = Red with white letters French Canadian
GWG = Green with white letters German
GWC = Green with white letters Chinese
GWE = Green with white letters German/English

**CYLINDER**
If cylinder provided by others, leave blank
MC65 = Mortise Cylinder
IC7 = 7-pin IC Cylinder Housing
(core not included)
IK7 = Cylinder InstaKey Housing
(core not included)

**SURFACE KIT**
If door contact not required, leave blank
SK1 = Kit allows for wall mounting - includes
(1) MS-1039S door contact
SK2 = Kit allows for wall mounting - includes
(2) MS-1039S door contacts
SK3 = Kit allows for wall mounting - includes
(1) MS-1059S door contact
SK4 = Kit allows for wall mounting - includes
(2) MS-1059S door contacts
SK5 = Kit allows for wall mounting - includes
(1) MS-2049 door contact
SK6 = Kit allows for wall mounting - includes
(2) MS-2049 door contacts

**MISCELLANEOUS**
If not required, leave blank
KS = Key Stop, factory installed

**STATUS INDICATOR**
If status indicator not required, leave blank
SI = Status Indicator On

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* SK1 thru SK6 Kit Options not available in Weatherized

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Detex products can expose you to chemicals including Chromium (hexavalent compounds) and Lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.detex.com/prop65](http://www.detex.com/prop65)
EAX® EXIT ALARMS
EAX-500
Battery Powered Door or Wall Mount Exit Alarm
The Detex EAX-500 Series is designed for applications requiring a battery-powered alarm on secured doors. The alarm, with approximately 100dB, will sound when an unauthorized exit occurs. The redesigned shape and smaller size of the EAX-500 makes it the ideal choice for quick and easy installations on emergency exit and restricted doors.

Benefits
- Low cost, self-contained door alarm with piezo horn that sounds to warn unauthorized use of a door or gate
- Secure, tamper resistant housing
- Quick, easy installation saves time and money

Features
- Patented plastic template allows for foolproof alignment of internal magnetic door contact and accurate installation
- Tapered cover allows for installation on narrow stile doors
- Intelligent circuit senses the external magnet location automatically and sets the correct door handing
- Patented cam assembly automatically adjusts for different sizes of cylinders without use of spacers
- Alarm can only be silenced by proper control key
- Extended bypass (now a standard feature) allows alarm to remain bypassed when door is open and automatically rearm upon door closing
- 100 dB piezo alarm
- Modern graphics on cover to demonstrate key rotation and operation
- 9VDC battery operated with Low Battery Alert
- LED visual and audible arming indicators
- Field selectable 2-minute auto rearm, if desired
- Field selectable status indicators, if desired

Mechanical Options
- EAX-500 may be ordered in several kit configurations:
  - SK1 Kit allows for wall mounting and includes (1) white MS-1039S door contact
  - SK2 Kit allows for wall mounting and includes (2) white MS-1039S door contacts
  - SK3 Kit allows for wall mounting and includes (1) brown MS-1059S door contact
  - SK4 Kit allows for wall mounting and includes (2) brown MS-1059S door contacts
  - SK5 Kit allows for wall mounting and includes (1) grey MS-2049S door contact
  - SK6 Kit allows for wall mounting and includes (2) grey MS-2049S door contacts
  - KS - Key Stop (Key removed only when armed)
- EAX-500SK includes exit alarm prepped for wall mounting, and surface magnetic door contacts - specify cover lock # - additional surface contacts can be ordered separately (mortise cylinder sold separately)
- OKC - Outside Key Control (Rim Cylinder required)
Electrical Options
Other EAX Exit Alarms Include:
• EAX-500W - Weatherized Battery Powered
• EAX-2500 - AC Powered
• EAX-3500 includes timed bypass alarm, rechargeable battery (mortise cylinder sold separately)

Accessories
• IC7 - Interchangeable mortise cylinder
• MC65 - Mortise cylinder

Technical Information
• Machine and Self-Drilling Screws (Std.)
• Optional Sex Nuts or Security Torx Screws available
• Optional Cylinder Nut Wrench P/N: 103779

Finishes
• GY - Grey
• BK - Black

Dimensions
Front and Side View

Riser Diagram
Left-side mounting
Right-side mounting

Detex Limited Warranty
3 Year Limited Manufacturer's Warranty

Electrical Options

Other EAX Exit Alarms Include:
• EAX-3500FK includes timed bypass alarm, rechargeable battery, flush magnetic switch and plug-in 24VDC transformer
• EAX-3500SK includes timed bypass alarm, rechargeable battery, surface magnetic switch and plug-in 24VDC transformer

Accessories

• IC7 - Interchangeable mortise cylinder
• MC65 - Mortise cylinder

Technical Information

• Machine and Self-Drilling Screws (Std.)
• Optional Sex Nuts or Security Torx Screws available
• Optional Cylinder Nut Wrench P/N: 103779

Finishes

• GY - Grey
• BK - Black

Dimensions

Riser Diagram

Detex Limited Warranty
3 Year Limited Manufacturer's Warranty

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International Sales:
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EAX® EXIT ALARMS
EAX-500W
Battery Powered Door Mounted Weatherized Exit Alarm

The Detex EAX-500W Weatherized Exit Alarm is designed for applications that require a battery-powered alarm on secured doors, particularly emergency exits that open to the outdoors or wet environment. The alarm, with approximately 100dB, will sound when an unauthorized exit occurs. The redesigned shape and smaller size of the EAX-500W makes it the choice for quick and easy installations on emergency exit and restricted doors and gates.

Benefits
- Low cost, self-contained door alarm with piezo horn that sounds to warn unauthorized use of a door or gate
- Weatherized for outdoor environments
- Secure, tamper resistant housing
- Quick, easy installation saves time and money

Features
- Patented plastic template allows for foolproof alignment of internal magnetic door contact and accurate installation
- Tapered cover allows for installation on narrow stile doors
- Intelligent circuit senses the external magnet location automatically and sets the correct door handing
- Patented cam assembly automatically adjusts for different sizes of cylinders without use of spacers
- Alarm can only be silenced by proper control key
- Extended bypass (now a standard feature) allows alarm to remain bypassed when door is open and automatically rearm upon door closing
- Modern graphics on cover to demonstrate key rotation and operation
- 100 dB piezo alarm
- 9VDC battery operated with Low Battery Alert
- LED visual and audible arming indicators
- Field selectable 2-minute auto rearm, if desired
- Field selectable status indicators, if desired
- Weatherized electronics certified to Driving Rain and Salt Fog Test (see Listings and Approvals)

Mechanical Options/Accessories
- KS - Key Stop (Key removed only when armed)
- OKC - Outside Key Control (Rim Cylinder required)
- MC65 - Detex Mortise Cylinder pre-installed at factory
- IC7 - 7 pin interchangeable core housing, pre-installed at factory (Compatible with most standard 7 pin IC format cores)
**Electrical Options**

Other EAX Exit Alarms (non Weatherized) Include:
- EAX-500 - Battery Powered
- EAX-2500 - AC Powered
- EAX-3500 - Timed Bypass and Rechargeable Battery

Other Weatherized EAX Exit Alarms Include:
- EAX-500W - Battery Powered, Timed Bypass

**Technical Information**

- Door Types - Wood, Hollow Metal, Fiberglass or Aluminum
- Inswinging door applications use accessory PN 102644 (Inswing Door Kit)
- Machine and sheet metal screws (Std.)
- Optional Cylinder Nut Wrench P/N: 103779

**Finishes**

- GY - Grey
- BK - Black

**Dimensions**

Front and Side View

- Front View
- Side View

Dimensions:
- 2.10
- 2.375
- 7.70
- .715
- .313

**Riser Diagram**

- Left-side mounting
- Right-side mounting
- Door switch actuated

**Listings and Approvals**

- UL Listed Miscellaneous Fire Door Accessory
- MIL-STD 810F (G), Method 509.4 (Salt Fog Test)
- MIL-STD 810F (G), Method 506.4 (Driving Rain), Procedure 1
- ANSI/BHMA A156.29

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**EXTENDED BYPASS**

0 = Alarm must be manually turned off; or may be field selected for 2 min. Auto Re-arm
3 = Alarm must be manually turned off; or may be field selected for 10 min. Auto Re-arm
4 = Alarm must be manually turned off; or may be field selected for 20 min. Auto Re-arm
5 = Alarm must be manually turned off; or may be field selected for 3.3 hours. Auto Re-arm

**ARMING DELAY**

0 = 15 Second Arming Delay
1 = 1 Second Arming Delay
2 = 5 Second Arming Delay
4 = 4 Minute Arming Delay

**COLOR**

For standard gray, leave blank
BK = Black

**BACK BOX**

If no back box needed, leave blank
S = Surface Mounting
F = Flush Mounting
SK1 = Surface Kit: Surface mount back box, 24 VAC transformer, surface door contacts
FK1 = Flush Kit: Flush mount back box, 24 VAC transformer, flush door contacts
C = Conversion kit for retrofit from EA-2500F

**CYLINDER**

If cylinder provided by others, leave blank
MC65 = Mortise Cylinder
IC7 = 7-pin IC Cylinder Housing (core not included)
IK7 = Cylinder InstaKey Housing (core not included)

**POWER**

If power provided by others, leave blank
IN = Includes 220 Transformer
277 = Includes 277 Transformer
L9 = Remove 9 volt Backup Battery

**SIGNAGE**

For standard red with white letters in English, leave blank
RWS = Red with white letters Spanish
GWE = Green with white letters English
GWF = Green with white letters French
RWF = Red with white letters French Canadian
GWG = Green with white letters German
GWC = Green with white letters Chinese
GWE = Green with white letters German/English

**MISCELLANEOUS**

If not required, leave blank
KS = Key Stop, factory installed

**STATUS INDICATOR**

If status indicator not required, leave blank
SI = Status Indicator On

**NOTE:** * = default
The Detex EAX-2500 Series Exit Alarm is designed for applications requiring a hardwired AC/DC alarm on secure doors. The alarm, with approximately 100dB, will sound when an unauthorized exit occurs. The smaller size of the EAX-2500, which is designed to fit in a standard 4"x4" outlet box, makes it the choice for quick and easy installations on emergency exit and restricted doors.

**Benefits**
- Field selectable features allow customer to choose status indicators and auto rearm options
- Easy to install using ordinary tools to save time and money
- Available in either gray or black to blend with any décor
- 100dB piezo horn provides security for restricted doors
- New graphics on cover are easy to understand and make key operation simple

**Features**
- AC/DC hardwired power with optional 9VDC backup battery
- Low battery alert is field selectable
- Extended bypass allows alarm to remain silenced when door is open and automatically rearm upon closing of door
- Surface and flush mount available using 4"x4" double switch/outlet box
- Patented cam assembly automatically adjusts for different size cylinders without spacers
- Silently arming feature is field selectable
- Tamper resistant housing and cover protects electronics
- Inside Key Control uses mortise cylinder with standard Yale cam
- Relay output for signaling external accessories

**Mechanical Options**
- KS - Key Stop (Key removed only when armed)
- EAX-2500 Flush or Surface
- EAX-2500FK1 - Complete kit contains alarm, warning sign, flush back box, flush magnetic switch and 24VAC transformer (add suffix “xMC65 or xIC7” to include factory installed cylinder)
- EAX-2500SK1 - Complete kit contains alarm, warning sign, surface back box, surface magnetic switch and 24VAC transformer (add suffix “xMC65 or xIC7” to include factory installed cylinder)
Other EAX Exit Alarms Include

- EAX-500 - Battery Powered
- EAX-500W - Weatherized Battery Powered
- EAX-3500 - Timed Bypass and Rechargeable Battery
- EAX-300 - Door Prop
- EAX-300W - Weatherized Door Prop

Accessories

- IC7 - Interchangeable mortise cylinder (can be factory installed)
- MC65 - Mortise cylinder (can be factory installed)
- 102640 (EAX-2500C) Conversion Kit
- MS-2049, MS-1039, MS-1059 - Magnetic Switch
- Optional Cylinder Nut Wrench P/N: 103779

Riser Diagram

Double door application as shown above available with EAX-500, EAX-300, EAX-2500 and EAX-3500.

Note: Double door application as shown not available with EAX-300W or EAX-500W weatherized alarms.

Dimensions

EAX-2500C Conversion Kit Dimensions (P/N 102640)

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EAX® SERIES

EAX-2545

AC/DC External Powered Wall Mount Exit Alarm With 4 Minute Arming Delay/Non Extended Bypass

The Detex EAX-2545 Series Exit Alarm is designed for applications requiring a hardwired AC/DC alarm on secure doors. The alarm, with approximately 100dB, will sound when an unauthorized exit occurs. The smaller size of the EAX-2545, which is designed to fit in a standard 4”x4” outlet box, makes it the choice for quick and easy installations on emergency exit and restricted doors.

Benefits

- Field selectable features allow customer to choose status indicators, silent arming and auto rearm options
- 100dB piezo horn provides security for restricted doors
- Easy to install using ordinary tools to save time and money
- New graphics on cover are easy to understand and make key operation simple
- Available in either gray or black to blend with any décor
- Tamper resistant housing and cover protects electronics

Features

- Surface and flush mount available using 4”x4” double switch/outlet box
- AC/DC hardwired power with optional 9VDC backup battery
- 4 minute Arming Delay - Door(s) can be opened and closed repeatedly during the 4 minute Arming Delay. At the end of Arming Delay, if door(s) are open, alarm sounds. If door(s) are closed, alarm automatically arms.
- Low battery alert is field selectable
- Silent arming feature is field selectable
- Alarm must be manually turned off
- Relay output for signaling external accessories
- Patented cam assembly automatically adjusts for different size cylinders without spacers
- Inside Key Control uses mortise cylinder with standard Yale cam

Mechanical Options

- KS - Key Stop (Key removed only when armed)
- EAX-2545 Flush or Surface
- EAX-2545FK1 - Complete kit contains alarm, warning sign, flush back box, flush magnetic switch and 24VAC transformer (add suffix “xMC65 or xIC7” to include factory installed cylinder)
- EAX-2545SK1 - Complete kit contains alarm, warning sign, surface back box, surface magnetic switch and 24VAC transformer (add suffix “xMC65 or xIC7” to include factory installed cylinder)
Other EAX Exit Alarms Include

- EAX-500 - Battery Powered
- EAX-500W - Weatherized Battery Powered
- EAX-3500 - Timed Bypass and Rechargeable Battery
- EAX-300 - Door Prop
- EAX-300W - Weatherized Door Prop

Accessories

- IC7 - Interchangeable mortise cylinder (can be factory installed)
- MC65 - Mortise cylinder (can be factory installed)
- MS-2049, MS-1039, MS-1059 - Magnetic Switch
- Optional Cylinder Nut Wrench
  P/N: 103779

Dimensions

- Front and Side View
- Riser Diagram

Detex Limited Warranty

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International Sales:
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Cancer & Reproductive Harm - www.detex.com/prop65
EAX® EXIT ALARMS
EAX-3500
Timed Bypass Exit Alarm and Rechargeable Battery

The Detex EAX-3500 is designed for applications requiring a hard-wired, timed-bypass alarm with rechargeable backup battery. The 100dB alarm will sound when someone attempts an unauthorized exit. The EAX-3500 can be temporarily bypassed for deliveries and trash removal, but reminds manager to close and secure the door.

Benefits
- Allows manager to temporarily bypass the alarm, but does not allow the alarm to be turned off
- Reminds manager to close and secure the door, minimizing door prop time
- Minimizing door prop time saves energy costs
- Minimizing door prop time reduces exposure to theft and threat of robbery
- Simple, on-the-cover instructions make operation easy
- LEDs illustrate armed status and bypass time, allowing quick easy reference
- Alarm demands attention even in noisy environments
- Tamper-resistant housing and circuits prevent dishonest employees from defeating alarm
- Mortise cylinder sold separately, allowing alarm to be keyed to existing master-key system, helping to maintain key control

Features
- Hard-wired low voltage power with rechargeable battery insures uninterrupted secure power feed
- Maximum allowable bypass time can be factory set or field-adjusted to 5, 10, 20 or 40 minutes
- Bypass time is easily set using two simple slide jumpers, located inside secured enclosure
- 100dB alarm, powered by 12 to 24 VAC and rechargeable backup battery (included)
- Low battery alert
- Rechargeable backup battery provides 72-hours of operation
- Timed bypass allows alarm to remain bypassed for allotted minutes, automatically rearming upon door closing
- Accepts 5, 6 or 7-pin standard and interchangeable core mortise cylinders with a standard Yale cam
- Patented cam assembly automatically adjusts for different size/length cylinders without the use of additional spacers or cylinder collars
- Resetting the alarm can only be accomplished with a control key

Mechanical Options
- EAX-3500 includes surface mount timed-bypass alarm, rechargeable battery (mortise cylinder sold separately)
- EAX-3500SK includes surface mount timed-bypass alarm, rechargeable battery, surface magnetic switch and plug-in 24VAC transformer (mortise cylinder sold separately)
- EAX-3500FK includes flush mount timed-bypass alarm, rechargeable battery, flush magnetic switch and plug-in 24VAC transformer (mortise cylinder sold separately)
Accessories

• IC7 - Interchangeable core mortise cylinder
• MC65 - Mortise cylinder
• Optional Cylinder Nut Wrench
  P/N: 103779

Technical Information

• Machine and Self Drilling Screws
  (Std.)
• Amp Draw - .083 Amps @ 24 VDC
  (Alarmed)
  - .110 Amps @ 24 VDC
  (Door Prop)

Dimensions

<table>
<thead>
<tr>
<th>Back - Side View</th>
<th>Front View</th>
<th>Cover - Side View</th>
</tr>
</thead>
</table>

Riser Diagram

Transformer

110V Input to transformer

Listings and Approvals

UL Listed

BHMA Listed

ANSI/BHMA A156.29

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International Sales: export@detex.com

Cancer & Reproductive Harm - www.detex.com/prop65
EAX-300  HOW TO ORDER

MODE
0 = Door Prop*
1 = Door Chime

COLOR
For standard gray, leave blank
BK = Black

EAX-3

WEATHERIZED
W = Weatherized

DOOR PROP DELAY
0 = 15 seconds*
1 = 1 second
3 = 30 seconds
5 = 45 seconds
6 = 60 seconds
2 = 2 minutes
4 = 4 minutes 15 seconds

CYLINDER
If cylinder provided by others, leave blank
MC65 = Mortise Cylinder
IC7 = 7-pin IC Cylinder Housing (core not included)
IK7 = Cylinder InstaKey Housing (core not included)

SURFACE KIT
If door contact not required, leave blank
SK1 = Kit allows for wall mounting - includes
(1) MS-1039S door contact
SK2 = Kit allows for wall mounting - includes
(2) MS-1039S door contacts
SK3 = Kit allows for wall mounting - includes
(1) MS-1059S door contact
SK4 = Kit allows for wall mounting - includes
(2) MS-1059S door contacts
SK5 = Kit allows for wall mounting - includes
(1) MS-2049 door contact
SK6 = Kit allows for wall mounting - includes
(2) MS-2049 door contacts

SIGNAGE
For standard red with white letters in English, leave blank
RWS = Red with white letters Spanish
RWC = Red with white letters Chinese
GWE = Green with white letters English
GWF = Green with white letters French
RWF = Red with white letters French Canadian
GWG = Green with white letters German
GWC = Green with white letters Chinese
GWE = Green with white letters German/English

STATUS INDICATOR
If status indicator not required, leave blank
SI = Status Indicator On

NOTE: * = default

Detex products can expose you to chemicals including Chromium (hexavalent compounds) and Lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.detex.com/prop65
The Detex EAX-300 Series is designed for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable. The smaller size makes installation quick and easy.

**Benefits**
- Low cost, solution to propped open doors
- Helps keep energy costs down by ensuring doors are closed
- Quick, easy installation saves time and money
- Alarm silences when door is closed, no waiting for key-holder to arrive

**Features**
- Secure, tamper resistant housing
- Patented plastic template assures accurate installation by providing foolproof alignment with internal magnetic door contact
- Tapered cover allows for installation on narrow stile doors
- Intelligent circuit senses the external magnet location automatically and sets the correct door handing
- 100 dB piezo alarm
- 9VDC battery operated with Low Battery Alert
- LED visual arming indicators

**Field Selectable Door Prop Times**

<table>
<thead>
<tr>
<th>Door Prop Timer</th>
<th>LED indication</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 second</td>
<td>1 GREEN flash</td>
</tr>
<tr>
<td>15 seconds (Default)</td>
<td>1 RED flash - 5 GREEN flashes</td>
</tr>
<tr>
<td>30 seconds</td>
<td>3 RED flashes</td>
</tr>
<tr>
<td>45 seconds</td>
<td>4 RED flashes - 5 GREEN flashes</td>
</tr>
<tr>
<td>1 minute</td>
<td>1 RED &amp; GREEN simultaneous flash</td>
</tr>
<tr>
<td>2 minutes</td>
<td>2 RED &amp; GREEN simultaneous flashes</td>
</tr>
<tr>
<td>4 minutes</td>
<td>4 RED &amp; GREEN simultaneous flashes</td>
</tr>
</tbody>
</table>
Mechanical Options
• EAX-300 may be ordered in several kit configurations:
  SK1 Kit allows for wall mounting and includes (1) white MS-1039S door contact
  SK2 Kit allows for wall mounting and includes (2) white MS-1039S door contacts

SK3 Kit allows for wall mounting and includes (1) brown MS-1059S door contact
SK4 Kit allows for wall mounting and includes (2) brown MS-1059S door contacts
SK5 Kit allows for wall mounting and includes (1) grey MS-2049S door contact
SK6 Kit allows for wall mounting and includes (2) grey MS-2049S door contacts
• KS - Key Stop, factory installed
• SI - Status Indicator On

Electrical Options
• Weatherized for use on gates or doors that are subjected to inclement weather

Accessories
• MC65 - Mortise Cylinder
• IC7 - 7 pin IC Cylinder Housing
• IK7 - Cylinder InstaKey Housing

Technical Information
• Machine and self-drilling screws

• Optional Cylinder Nut Wrench P/N: 103779

Finishes
• GY - Grey
• BK - Black

Dimensions
Front and Side View

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Left-side mounting</th>
<th>Right-side mounting</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>.313”</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Riser Diagram

- Door switch actuated
- Left-side mounting
- Right-side mounting

Listings and Approvals
UL Listed Miscellaneous Fire Door Accessory
ANSI/BHMA A156.29

Detex Limited Warranty
3 Year Limited Manufacturer’s Warranty

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Life Safety, Security and Security Assurance

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Cancer & Reproductive Harm - www.detex.com/prop65
EAX® EXIT ALARMS
EAX-300W

Battery Powered Weatherized Door Propped Alarm

The Detex EAX-300W Series is designed for applications where doors that open to the outdoors or wet environments may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable. The smaller size makes installation quick and easy on doors or gates.

Benefits

- Low cost, solution to propped open doors
- Weatherized for use on gates or doors that are subjected to inclement weather
- Helps keep energy costs down by ensuring doors are closed
- Quick, easy installation saves time and money
- Alarm silences when door is closed, no waiting for key-holder to arrive

Features

- Secure, tamper resistant housing
- Patented plastic template assures accurate installation by providing foolproof alignment with internal magnetic door contact
- Weatherized electronics certified to driving rain and salt fog test (see Listings & Approvals)
- Tapered cover allows for installation on narrow stile doors
- Intelligent circuit senses the external magnet location automatically and sets the correct door handning
- 100 dB piezo alarm
- 9VDC battery operated with Low Battery Alert
- LED visual arming indicators

Mechanical Options

- KS - Key Stop, factory installed (always armed when key removed)
- SI - Status Indicator On

Field Selectable Door Prop Times

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</tr>
<tr>
<td>30 seconds</td>
<td>3 RED flashes</td>
</tr>
<tr>
<td>45 seconds</td>
<td>4 RED flashes - 5 GREEN flashes</td>
</tr>
<tr>
<td>1 minute</td>
<td>1 RED &amp; GREEN simultaneous flash</td>
</tr>
<tr>
<td>2 minutes</td>
<td>2 RED &amp; GREEN simultaneous flashes</td>
</tr>
<tr>
<td>4 minutes</td>
<td>4 RED &amp; GREEN simultaneous flashes</td>
</tr>
</tbody>
</table>
Accessories
- MC65 - Mortise Cylinder
- Optional Cylinder Nut Wrench
  P/N: 103779
- IC7 - 7 pin IC Cylinder Housing
- IK7 - Cylinder InstaKey Housing

Electrical Options
Other EAX Door-Propped Alarms (non Weatherized) Include:
- EAX-300 - Battery Powered
Other EAX Exit Alarms (non Weatherized) Include:
- EAX-500 - Battery Powered
- EAX-2500 - AC Powered
- EAX-3500 - Timed Bypass and Rechargeable Battery
Other Weatherized EAX Exit Alarms Include:
- EAX-500W - Battery Powered, Timed Bypass

Technical Information
- Door Types - Wood, Hollow Metal, Fiberglass or Aluminum
- Inswinging door/gate applications use accessory PN 102644 (Inswing Door Kit)
- Machine and self-drilling screws

Finishes
- GY - Grey
- BK - Black

Dimensions
Front and Side View

Riser Diagram
Left-side mounting
Right-side mounting

Listings and Approvals
UL Listed Miscellaneous Fire Door Accessory
- MIL-STD 810F (G), Method 509.4 (Salt Fog Test)
- MIL-STD 810F (G), Method 506.4 (Driving Rain), Procedure 1

ANSI/BHMA A156.29

Detex Limited Warranty
3 Year Limited Manufacturer’s Warranty

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September 11, 2018
EAX® EXIT ALARMS

EAX-411SK
Door Prop Alarm

The EAX-411SK AC powered door prop alarm provides a unique solution to the common security challenge associated with doors that are propped open. Helping to enhance access control systems and provide additional perimeter security, the EAX-411SK provides a custom fit for each opening with its 0 to 60 second adjustable “door open” time. When a door is left open longer than the set time, the alarm will sound. The EAX-411SK will automatically reset when the door is closed.

Specify the EAX-411SK kit which includes the ES-411, finished S1 back box, plug-in transformer and MS-1039S magnetic switch.

Benefits

- Alarm encourages door users to keep door closed
- Localized alarm notifies area personnel of security breach/ door prop condition
- Eliminating door propping helps save on energy costs
- Remote relay allows monitoring of door status from management office or guard station
- Reduces false alarms

Features

- Stand alone device
- Integrates into any access control system
- Kit includes transformer and magnetic door contact
- 90dB alarm easily warns of door prop status
- Adjustable alarm delay time 0 to 60 seconds
- Alarm status relay for remote annunciation (zone monitoring)
- Automatic alarm reset/rearm upon closure of door
- Mounts in a 1 gang box (included in SK Kit)
- Flush mount, aesthetically pleasing
**Technical Information**

- 12 or 24 VAC/VDC @ 70 mA
- Input - Normally Closed Door Contact
- Output - Normally Closed Door Held Alarm (500mA @ 30VDC)

**Riser Diagram**

**Finishes**

- Painted Beige

**Dimensions**

2-3/4" Wide x 4-5/8" High x 2" Deep

**Detex Limited Warranty**

3 Year Limited Manufacturer’s Warranty
EXIT ALARMS
EAX-4200
Door Management Alarm

The EAX-4200 Series Door Management Alarm offers door prop/door held, intrusion/door forced, and exit alarm detection capabilities to provide complete monitoring of access control points in one easy to use master unit. The DMA may also be used as a stand-alone device. The unit is typically mounted near the monitored door.

Specify the EAX-4200SK kit which includes ES4200-K4, RC65 rim cylinder, S3 finished back box, TP-24 plug-in transformer and MS-1039S mag switch.

Benefits

- Audible warning reduces false door held alarms
- Reduces workload of security personnel
- Aesthetically pleasing design
- Flexible interfacing with electric door locks
- Compatible with all access control systems
- Tamper resistant
- Encourages employees to maintain access control procedures
- Can be used as a stand-alone product
- Easy installation

Features

- Kit packaging provides all required accessories in one box
- Field selectable alarm timing and alarm delay option
- Alarm status relay for remote annunciation
- Automatic alarm reset/rearm upon closure of door
- Mounts in a 3 gang box (included in kit)
- Uses standard rim cylinder
- Visual Status indicator
- Incorporates form C output relays
- Flush mount
- Reset/bypass keyswitch and remote input
- Field selectable: high (103dB) or low (96dB) level sounder

Mechanical Options

- Key switch for alarm/shunt override
- Timer settings are field adjustable
**Electrical Options**
- Voltage sense input
- 4 separate Form C contacts - 1Amp @ 30VDC

**Technical Information**
- 12 to 24VAC/VDC @ 250 mA
- 96 and 103dB field selectable

**Finishes**
- Painted aluminum

**Dimensions**
- 6.4” w x 4.5” h x 2.8” d

**Detex Limited Warranty**
3 Year Limited Manufacturer’s Warranty
The CS900/2900 Series Remote Alarms are designed to sound an alarm when a signal is sent from a door switch, remote relay output, or another alarm. The piercing 100dB alarm will alert management of a security breach even in a noisy environment. When the cause of the alarm has been secured, the remote alarm is automatically silenced.

**Benefits**
- No cylinder required - cylinder dummy included
- 100dB alarm sounds when triggered by main alarm, demanding attention
- Silencing the main alarm automatically resets the remote alarm

**Features**
- Installed in a double switch/outlet box (flush units)
- Red LED lights up when alarm sounds
- Battery Backup (2900 Series)
- Available in gray (CS940/CS2940) or black (CS950/CS2950)
- Flush mount (specify suffix F) or Surface mount (specify suffix S)

**Mechanical Options**
- SSK4 - Tamper Proof Kit - Adds tamper resistance

**Technical Information**
- 9VDC Battery (CS900)
- CS2900 includes 120VAC plug-in adapter
- Monitors an open contact
- Max current draw - 50mA
- Remote alarm can be up to 1000 feet from primary alarm with 18 gauge twisted pair wire
Dimensions

Surface Mount Side View
Surface Mount Front View
Flush Mount Side View
Flush Mount Front View

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September 12, 2018
MAGNETIC SWITCH
MS-2049F, MS-2049S, MS-2049SC, MS-2049SI

These magnetic switches are designed primarily to serve as sensing devices to detect the opening of a door or window; to assure that a protected door is securely under surveillance; to serve as a trigger for a wall-mounted Detex Exit Alarm; to signal that a door has been inadvertently left open; and to be used as a direct switch to set off many kinds of audio and visual alarms.

Benefits
- Provides assurance that protected doors are under surveillance
- Serves as a trigger for alarms or remote monitors
- UL listed for use on fire rated doors and assemblies

Features
- Tamper protection - mounting screws inaccessible when door closed
- Components potted to protect against shock and moisture
- Easy installation with concealed wiring and color coded leads
- Surface mounted units are housed in a durable high impact ABS thermoplastic, a UL listed material used in the manufacture of telephones, auto bodies, etc.
- Wide range of alarm and signal applications
- Minimizes false signals due to loosely closed doors
- Switch rated for over one million operations under load

Technical Information
- Maximum contact ratings - 24VDC @ .5A
- For use on steel, aluminum or wood doors and frames
- May be mounted on stiles as narrow as 1-3/8"
- Overhead (preferred) or latch-stile mounting available for all models
- Switch - single pole, double throw (SPDT)
- The flush device (MS-2049F) should have the switch contact housed in the door frame and the magnet mortised in the edge of the door
- Wiring leads, 12" long, color coded, concealed
Dimensions (MS-2049F)

- Plaster Guard
- Switch unit in jamb or header
- Magnet unit in edge of door

Dimensions (MS-2049S)

- DOOR FRAME
- DOOR

Riser Diagram

- Overhead mounting (preferred)
- Overhead Installation, Front View
- Overhead Installation, Side View
- Latch edge mounting

Listings and Approvals

- "UL Listed Miscellaneous Fire Door Accessories"
- "UL Listed Door Position Switch"

Detex Limited Warranty

3 Year Limited Manufacturers Warranty

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September 11, 2018
MAGNETIC SWITCH
MS-1039F, MS-1039S, MS-1059F, MS-1059S

These magnetic switches are designed primarily to serve as sensing devices to detect the opening of a door or window; to assure that a protected door is securely under surveillance; to serve as a trigger for a wall-mounted Detex Exit Alarm; to signal that a door has been inadvertently left open; and to be used as a direct switch to set off many kinds of audio and visual alarms.

Benefits
- Anti-Tamper Design
- Provides assurance that protected doors are under surveillance
- Serves as a trigger for alarms or remote monitors
- Simple Installation
- BMS - Balanced Magnetic Switch provides improved security

Features
- Polarity selection is non-critical
- Flush switches are self-locking
- Flush switches are solid, one-piece design with no need for extra donut adapters
- Durable Magnet
- Color selection white/brown
- Wide range of alarm and signal applications

Technical Information
- Surface switches have Max. Contact rating 30VDC @ 250mA
- Flush switches have Max. Contact rating 28VDC, 0.5A, 10W
- For use on steel, aluminum or wood doors and frames
- Overhead (preferred) or latch-stile mounting available for all models
- Switch - single pole, single throw (SPST)
- Normally closed contact
- The MS-1039F (Flush mount) should have the switch contact housed in the door frame and the magnet mortised in the edge of the door

Finishes
- MS-1039F/S - White
- MS-1059F/S - Brown
Dimensions (MS-1039F/MS-1059F)

Dimensions (MS-1039S/MS1059S)

Riser Diagram

Overhead mounting (preferred)

Latch edge mounting

Detex Limited Warranty

3 Years Limited Manufacturers Warranty

September 11, 2018

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