

Life Safety and Security Door Hardware



EXIT CONTROL LOCKS

ECL-230D, ECL-230D-PH

Exit Control Hardware

The ECL-230 is a **code compliant, battery alarmed, rugged dead bolt**, panic device with **steel plate and photo-luminescent sign** providing managed security and a **100 decibel alarm** for **secondary exits**.



Benefits

- Attack resistant design withstands over 2200 lbs. of outside pull force
- Proven durability and reliability at a reasonable price
- Reduces employee and customer theft
- Easy to install
- Time tested construction resists attack from the inside
- Durable steel plate with photo luminescent sign absorbs light to then “glow in the dark” when lights are dimmed
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- Single point, 1" throw dead bolt
- Saw resistant dead bolt
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders
- Resetting the alarm can only be accomplished with a control key
- Non-handed
- Locking and unlocking the dead bolt always arms and disarms the alarm

Mechanical Options

- Gray Finish (Std.)
- English Push Plate Sign (Std.)
- Other Languages available (call factory for details)
- For Panic Hardware on 36" doors see ECL-230D-PH
- Fire-Rated Option see ECL-600
- ECL-437K - Surface Strike (Std.)

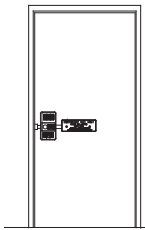
Accessories

- ECL-436K for ECL-230D, ECL-2100K for ECL-230D-PH - Bar Guard Kit - to protect end of bar, when required by code
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys
- ECL-1595 - Cylinder Collar required for 6 or 7 pin cylinders
- VRA-143 - Vertical Rod Assembly provides 2 point locking (see VRA-143 product sheet)
- BE-961-2 - Hard wired Conversion Kit, eliminates battery
- ECL-435K - Adjustable Surface Keeper Bracket for some double door applications
- ECL-475 - Decorative back plate for use on narrow stile doors

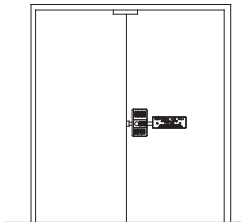
Technical Information

- Door Types - Wood, Hollow Metal or Aluminum
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Minimum standard door width for ECL-230D is 20"
- Minimum standard door width for ECL-230D-PH is 34"
- Double Door requirements:
 - (1) ECL-230
 - (1) RC65
 - (1) ECL-435K
 - (1) DDH-2250 } or (1) VRA-143
 or
 - (2) ECL-230D
 - (2) RC65
 - (1) 90KR
- Door Stile - Fits minimum 5-3/4" with ECL-437K Strike (Std.)
- Door Stile - Fits minimum 1-7/8" with ECL-475 Kit
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

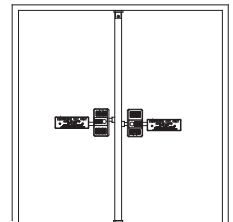
Riser Diagram



Single Door

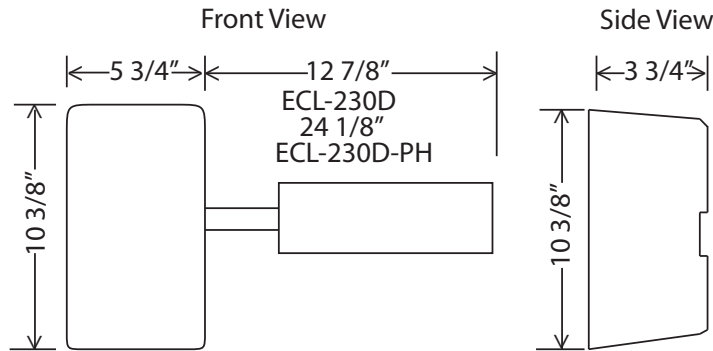


Double Doors with DDH-2250 Double Door Holder Adjustable Keeper (ECL-435K)



Double Doors with Key Removable Mullion Vertical Rod Assemblies also available (Part #VRA-143)

Dimensions



Listings and Approvals

- UL Listed Panic Hardware 988N-Grade 3 LISTED
- Meets ADA requirements
- Meets NFPA 101 for Life Safety, CA Title 19 & { Only ECL-230D-PH
- ANSI/BHMA requirements for all Building Codes
- California State Fire Marshall - 4140-0127:102

Detex Limited Warranty

10 Year Limited Manufacturers Warranty



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 International Sales:
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Cancer & Reproductive Harm - www.detex.com/prop65

ECL-230X HOW TO ORDER

DEVICE CONFIGURATION

For standard Single Point Deadbolt only, leave blank

- TD** = 2 point Top Bolt & Deadbolt
- TB** = 2 point Top Bolt & Bottom Bolt
- TDB** = 3 point Top Bolt, Deadbolt & Bottom Bolt
- W** = Weatherized, Single Point Deadbolt only
- W-TD** = Weatherized, 2 point Top Bolt & Deadbolt
- W-TB** = Weatherized, 2 point Top Bolt & Bottom Bolt
- W-TDB** = Weatherized, 3 point Top Bolt, Deadbolt & Bottom Bolt

CYLINDER

If cylinder provided by others, leave blank

- IC7R** = Rim Cylinder(s) SFIC housing
- IK7R** = Rim Cylinder(s) InstaKey housing
- RC65** = Rim Cylinder(s) 6 pin/Keyed 5

STRIKE

Leave blank for standard strike or hurricane rated

- 96B** = Dust Proof Strike (for TB & TDB only)
- DDSK** = Double Door Strike Kit (not compatible with TB)
- 96B-DDS** = Dust Proof Strike & Double Door Strike (for TDB only)

ROD COVERS (TB, TD, TDB ONLY)

For no rod covers, leave blank

- RC** = Rod Covers
- BG** = Bottom Bolt Guard
- RC-BG** = Rod Covers & Bottom Bolt Guard

HURRICANE RATING

For no hurricane rating, leave blank
H- = Hurricane rating (available on single point and 3 point only)

HINGE BOLTS

For no hinge bolts, leave blank

- DX1** = Single Hinge Bolt
- DX2** = Double Hinge Bolts
- DX3** = Triple Hinge Bolts

DOOR WIDTH

For 3'0" or 4'0" door, leave blank
30 = Fits 30" Wide Door

COVER SECURITY

For no cover security, leave blank

- CL** = Cover Lock
- SS** = Security Screws
- CL-SS** = Cover Lock & Security Screws



TRIM PLATE

For no trim plate, leave blank

- 03T** = Trim Plate with OKC
- 01T** = Trim Plate without OKC
- 03PP** = Pull Plate with OKC
- 01PP** = Pull Plate without OKC

DOOR HEIGHT (TB, TD, TDB ONLY)

- 84"** = Fits 6'8" to 7' Door *
- 96"** = Fits 7' to 8' Door
- 120"** = Fits 8' to 10' Door

INSIDE PULL

For no inside pull, leave blank

- IP** = Inside Pull

ACCESSORIES

For no accessories, leave blank
SN1 = Sex Nut Kit

ECL-230D RETROFIT KIT

If retrofit not required, leave blank

- RK** = ECL-230D RetroFit Kit (End-cap plate and lock-body plate)

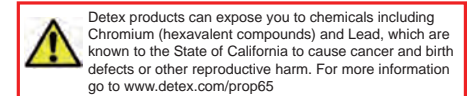
SIGNAGE - LANGUAGE

For English sign, leave blank

- RWS** = Spanish Sign
- RWC** = Chinese Sign (Red & White)

NOTE: * = default

Contact factory for availability of combined options

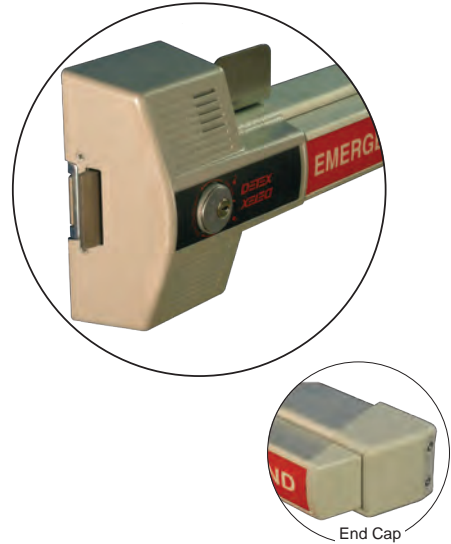


EXIT CONTROL LOCKS

ECL-230X (Dead Bolt)

Exit Control Hardware

The ECL-230X is a code compliant, battery alarmed, rugged dead bolt, panic device with photo-luminescent sign providing maximum security and a 100 decibel alarm for secondary exits.



Benefits

- Attack resistant design for maximum holding force
- One size fits 36"-48" doors for code compliant acceptance
- Proven durability and reliability at a reasonable price
- For additional security with 4 locking points, specify ECL-230X-DX3
- Easy to install
- Reduces employee and customer theft
- Easy to see if the lights go out
- Straightforward operation that everyone understands
- Time tested construction resists attack from the inside

Features

- Dead bolt lock -1" throw with just over 3/4" engagement with the frame
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Non-handed
- Saw resistant dead bolt
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Corrosion resistant alloy lock body
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Resetting the alarm can only be accomplished with a control key
- 100 decibel alarm, powered by 9-volt battery (included)
- For 9VDC hardwiring add BE-961-1 or BE-961-2
- Surface/flush reversible strike

Mechanical Options

- H - Hurricane Rated
- CL-SS - Cover Lock & Security Screws
- 01T - Trim Plate
- DDSK - Double Door Strike Kit
- Add hinge side protection with 3/4" frame engagement
- 01PP - Pull Plate
- BE-961 - Hardwired Conversion Kit, eliminates battery (sold separately)
- -DX1 - one hinge bolt for 4 locking points
- -DX2 - two hinge bolts for 5 locking points
- -DX3 - three hinge bolts for 6 locking points
- 03T - Trim Plate
- IP - Inside Pull
- 30 - Fits 30" wide door
- 03PP - Pull Plate
Note: Rim cylinder required for 03 Trims (sold separately)
- SN1 - Sex Nut Kit
- IC7R - Interchangeable core housing installed in Lock & or Trim
- RK - ECL-230D RetroFit Kit (Endcap plate & lock-body plate)
- English Push Plate Sign (Std.)
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC - Rod Covers
- RWS - Spanish Sign
Other Languages available (call factory)
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- BG - Bottom Bolt Guard
- CL - Cover Lock
- RC-BG - Rod Covers & Bottom Bolt Guard
- SS - Security Screws

Technical Information

- Door Types - Wood, Hollow Metal
- Double Door requirements:
 - (1) ECL-230X
 - (1) RC65
 - (1) DDSK
 - (1) DDH-2250 or
 - (2) ECL-230X
 - (2) RC65
 - (1) 90KR
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Detex Recommendations For Commercial Outswinging Doors

- Commercial Heavy duty door and frame, anchored to concrete wall & floor
 - Minimum 16 gauge door and frame, reinforced for multi-lock exit device
- Full length, heavy duty hinge (provided by installer)
- Full length, heavy gauge steel astragal (provided by installer)
- Detex H-ECL-230X-DX3-SN1 with flush strike install, code compliant alarmed panic device
 - Hurricane rated hardware provides superior fasteners and reinforced push pad that helps prevent break-in
 - Flush Strike Installation provides superior holding force with maximum bolt penetration into the frame (see install instructions)
 - DX3 - 3 hinge side bolts that protect against hinge attack
 - SN1 - Sex Nuts / through bolts provide superior installation
- Hardened / reinforced steel plate installed on interior door skin, prevents drilling through door (provided by installer)
- Burglar alarm contact placed on inside, bottom or low on the door, to trigger burglar alarm when door is peeled / pried upward (inquire with burglar alarm company)



Push Side

Pull Side

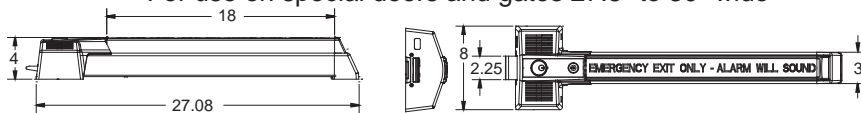
Note: Above recommendations are for a single door, but if used on a pair of doors, include a heavy gauge steel center

For more suggestions on Break-In Prevention, visit www.detex.com/lcopqanpeo

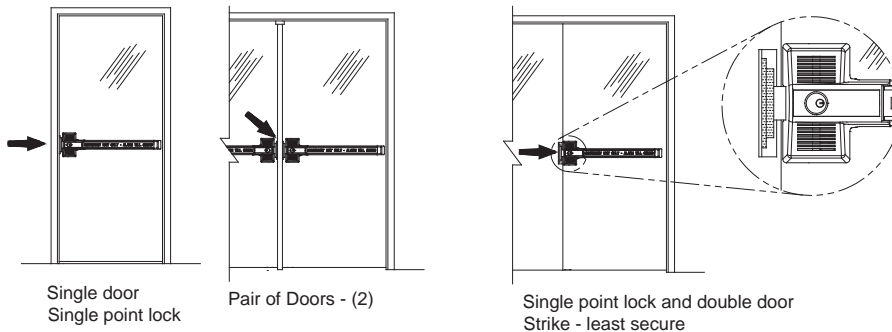
Dimensions



For use on special doors and gates 27.5" to 30" wide



Riser Diagram



Single door
Single point lock

Pair of Doors - (2)

Single point lock and double door
Strike - least secure

Listings and Approvals



UL 305 Listed
Panic Hardware

UL1034-34 Temperature Section 34
[Temperature Range -31° F (-35° C) to
150° F (+66° C)]

UL 1034-54 Dust Section 54



Meets ADA Requirements



Meets NFPA 101 for Life Safety,
CA Title 19



ANSI/BHMA A156.3 Grade 2
requirements for all
Building Codes



California State Fire Marshall -
4140-0127:102

Meets International Building Code



Hurricane Listed (H)
Miami-Dade County, Florida
NOA 15-0603.15 EXP 11/28/18

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™

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Life Safety, Security and Security Assurance

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Cancer & Reproductive Harm - www.detex.com/prop65

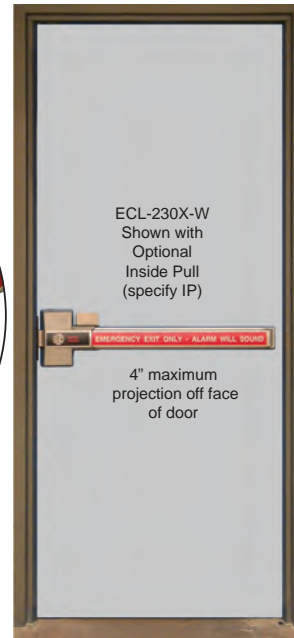
EXIT CONTROL LOCKS

ECL-230X-W (Weatherized Dead Bolt)

Exit Control Hardware

The ECL-230X-W is a **code compliant, battery alarmed, rugged dead bolt**, panic device with **photo-luminescent sign** providing maximum security and a **100 decibel alarm** for **secondary exits**.

This device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); MIL-STD 810F and Method 509.4 (salt fog test).



Benefits

- Attack resistant design for maximum holding force
- Weather resistant design for use in outdoor or wet environments
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For additional security with 4 locking points, specify ECL-230X-W-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- Dead bolt lock -1" throw with just over 3/4" engagement with the frame
- Saw resistant dead bolt
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
- H - Hurricane Rated
- 30 - Fits 30" wide door
- DX1 - Add hinge side protection with one hinge bolt for 2 locking points (3/4" frame engagement)
- DX2 - Add hinge side protection with two hinge side bolts for 3 locking points (3/4" frame engagement)
- DX3 - For maximum hinge side protection add three hinge side bolts for 4 locking points (3/4" frame engagement)
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
- Other Languages available (call factory for details)

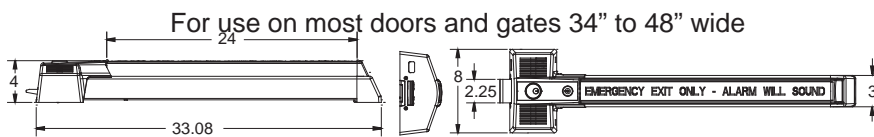
Mechanical Options Continued

- 03T - Trim Plate
- 03PP - Pull Plate
Rim cylinder required for 03 Trims (sold separately)
- 01T - Trim Plate
- 01PP - Pull Plate
- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- IP - Inside Pull
- DDSK - Double Door Strike Kit
- SN1 - Sex Nut Kit
- CL - Cover Lock
- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)
- BE-961 - Hardwired Conversion Kit, eliminates battery (Sold Separately)
NOTE: BE-961 is not weatherized, protect with NEMA enclosure.

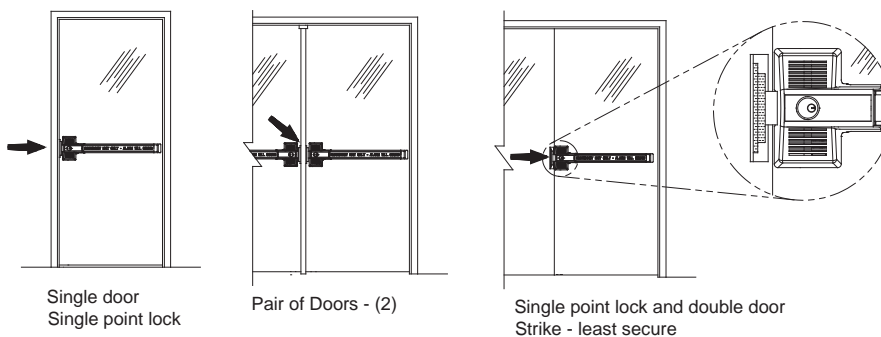
Technical Information

- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Double Door requirements:
(1) ECL-230X-W
(1) RC65
(1) DDSK
(1) DDH-2250
or
(2) ECL-230X-W
(2) RC65
(1) 90KR
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Dimensions



Riser Diagram



Listings and Approvals



UL 305 Listed
Panic Hardware

UL1034-34 Temperature Section 34
[Temperature Range -31° F (-35° C) to
150° F (+66° C)]

UL 1034-54 Dust Section 54



Meets ADA Requirements



Meets NFPA 101 for Life Safety,
CA Title 19



ANSI/BHMA A156.3 Grade 2
requirements for all
Building Codes



California State Fire Marshall -
4140-0127:102

Meets International Building Code



Hurricane Listed (H)
Miami-Dade County, Florida
NOA 15-0603.15 EXP 11/28/18

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

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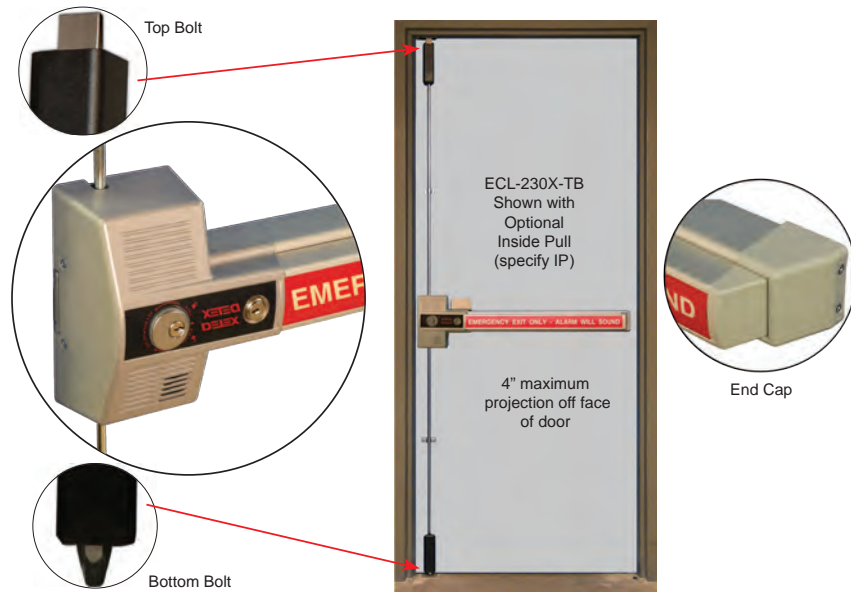
Cancer & Reproductive Harm - www.detex.com/prop65

EXIT CONTROL LOCKS

ECL-230X-TB (Top and Bottom Bolt)

Exit Control Hardware (Double Door Application)

The ECL-230X-TB is a **code compliant, battery alarmed, rugged 2-point dead bolt, panic device with photo-luminescent sign** providing maximum security and a **100 decibel alarm for secondary exits.**



Benefits

- Attack resistant design for maximum holding force
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For additional security with 5 locking points, specify ECL-230X-TB-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 2-point, 3/4" throw top and bottom locks with just over 5/8" engagement with the strike
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- CL - Cover Lock
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
 - H - Hurricane Rated
 - 84" - Fits 6'8" to 7' door
 - 96" - Fits 7' to 8' door
 - 120" - Fits 8' to 10' door
 - 30 - Fits 30" wide door
 - SS - Security Screws
 - CL-SS - Cover Lock & Security Screws
 - IP - Inside Pull
 - DX1 - Add hinge side protection with one hinge bolt for 3 locking points (3/4" frame engagement)
 - DX2 - Add hinge side protection with two hinge side bolts for 4 locking points (3/4" frame engagement)
 - DX3 - For maximum hinge side protection add three hinge side bolts for 5 locking points (3/4" frame engagement)
 - SN1 - Sex Nut Kit
 - English Push Plate Sign (Std.)
 - RWS - Spanish Sign
- Other Languages available (call factory for details)
- RC - Rod Covers
 - BG - Bottom Bolt Guard
 - RC-BG - Rod Covers & Bottom Bolt Guard

Mechanical Options Continued

• 03T - Trim Plate

• 03PP - Pull Plate

Rim cylinder required for 03 Trims
(sold separately)

• 01T - Trim Plate

• 01PP - Pull Plate

• IC7R - Interchangeable core housing installed in Lock & or Trim

• IK7R - InstaKey Cylinder installed in Lock & or Trim

• RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim

• 96B - Dust Proof Strike

• DDSK - Double Door Strike Kit

• 96B-DDS - Dust Proof Strike & Double Door Strike

• RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)

• BE-961 - Hardwired Conversion Kit, eliminates battery (sold separately)

Technical Information

• Door Types - Wood, Hollow Metal

• Door Thickness - Fits standard 1-3/4" - 2-1/4"

• Standard Device fits 36"-48" door

• Optional Device fits 30"-36" door

• Double Door requirements:

(1) ECL-230X-TB

(1) RC65

(1) DDSK

or

(2) ECL-230X-TB

(2) RC65

(1) 90KR

• Machine and Sheet Metal Screws (Std.)

• Optional Sex Nuts or Security Torx Screws Available

Listings and Approvals



UL Listed
Panic Hardware
988N-Grade 2



Meets ADA requirements



Meets NFPA 101
for Life Safety,
CA Title 19



ANSI/BHMA
requirements for all
Building Codes

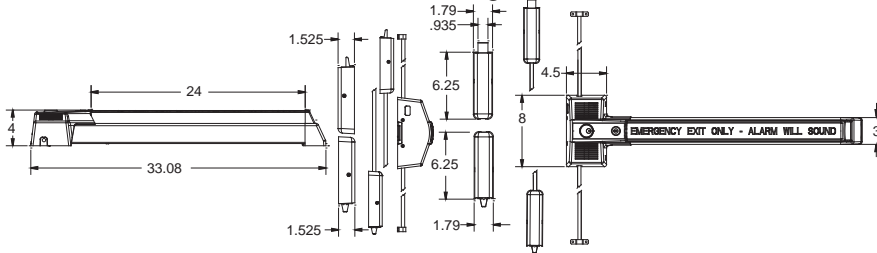


California State Fire Marshal -
4140-0127:102

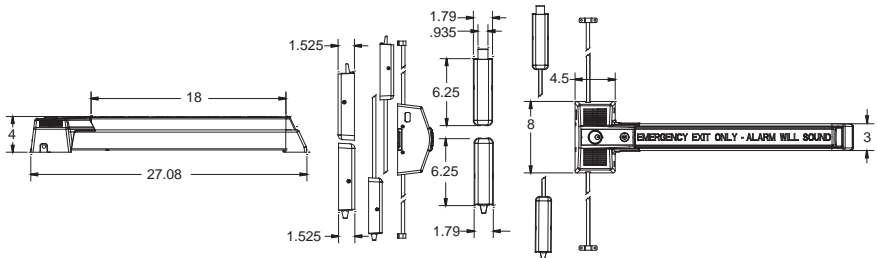
Meets International Building Code

Dimensions

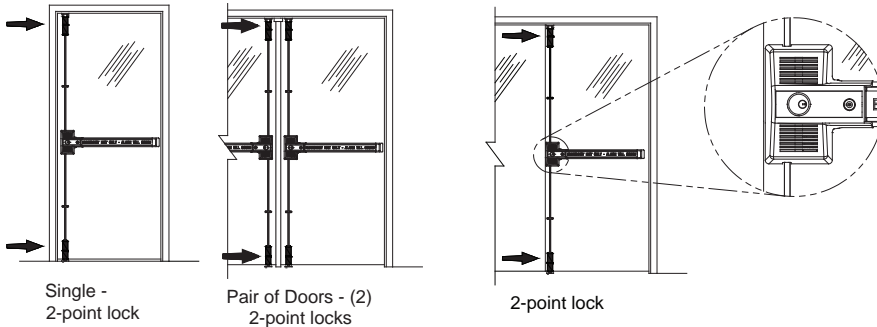
For use on most doors and gates 34" to 48" wide



For use on special doors and gates 27.5" to 30" wide



Riser Diagram



Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety, Security and Security Assurance

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International Sales:
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Cancer & Reproductive Harm - www.detex.com/prop65

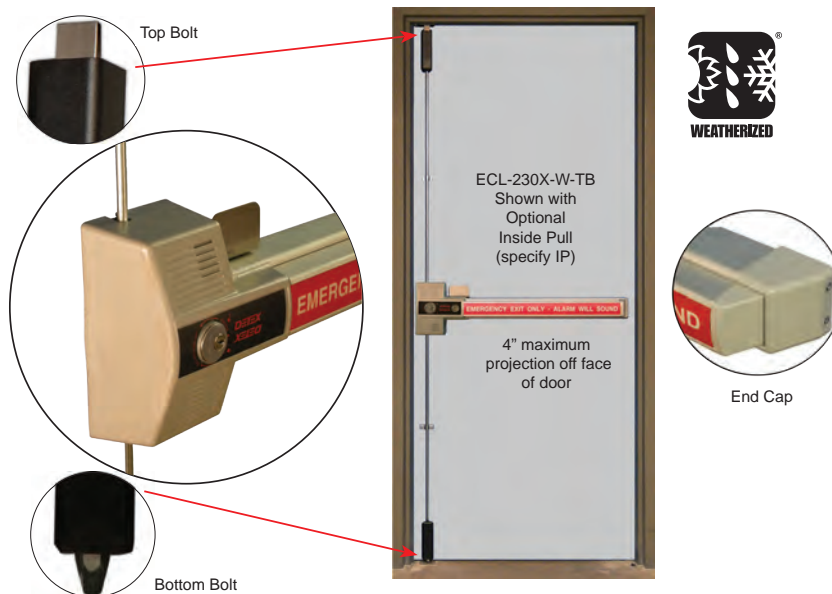
EXIT CONTROL LOCKS

ECL-230X-W-TB (Weatherized Top and Bottom Bolt)

Exit Control Hardware (Double Door Application)

The ECL-230X-W-TB is a **code compliant, battery alarmed, rugged 2-point dead bolt**, panic device with **photo-luminescent sign** providing maximum security and a **100 decibel alarm** for **secondary exits**.

This device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); MIL-STD 810F and Method 509.4 (salt fog test).



Benefits

- Attack resistant design for maximum holding force
- Weather resistant design for use in outdoor or wet environments
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- Easy to see if the lights go out
- For additional security with 5 locking points, specify ECL-230X-W-TB-DX3
- Straightforward operation that everyone understands
- One size fits 36"-48" doors for code compliant acceptance

Features

- 2-point, 3/4" throw top and bottom locks with just over 5/8" engagement with the strike
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- Cover Lock
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
 - H - Hurricane Rated
 - 84" - Fits 6'8" to 7' door
 - 96" - Fits 7' to 8' door
 - 120" - Fits 8' to 10' door
 - 30 - Fits 30" wide door
 - IP - Inside Pull
 - SS - Security Screws
 - CL-SS - Cover Lock & Security Screws
 - DX1 - Add hinge side protection with one hinge bolt for 3 locking points (3/4" frame engagement)
 - DX2 - Add hinge side protection with two hinge side bolts for 4 locking points (3/4" frame engagement)
 - DX3 - For maximum hinge side protection add three hinge side bolts for 5 locking points (3/4" frame engagement)
 - SN1 - Sex Nut Kit
 - English Push Plate Sign (Std.)
 - RWS - Spanish Sign
- Other Languages available (call factory for details)
- 96B - Dust Proof Strike
 - DDSK - Double Door Strike Kit
 - 96B-DDS - Dust Proof Strike & Double Door Strike

Mechanical Options Continued

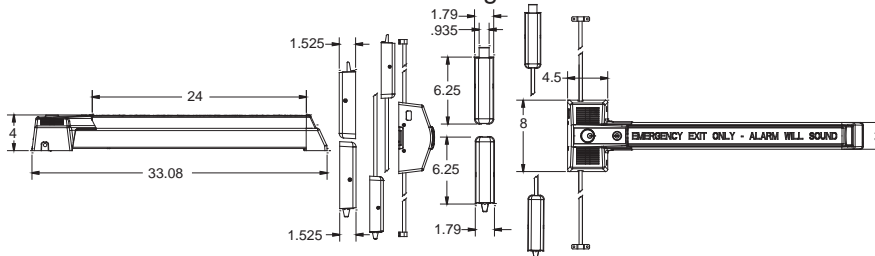
- 03T - Trim Plate
- 03PP - Pull Plate
- Rim cylinder required for 03 Trims (sold separately)
- 01T - Trim Plate
- 01PP - Pull Plate
- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)
- RC - Rod Covers
- BG - Bottom Bolt Guard
- RC-BG - Rod Covers & Bottom Bolt Guard
- BE-961 - Hardwired Conversion Kit, eliminates battery (Sold Separately)
NOTE: BE-961 is not weatherized, protect with NEMA enclosure.

Technical Information

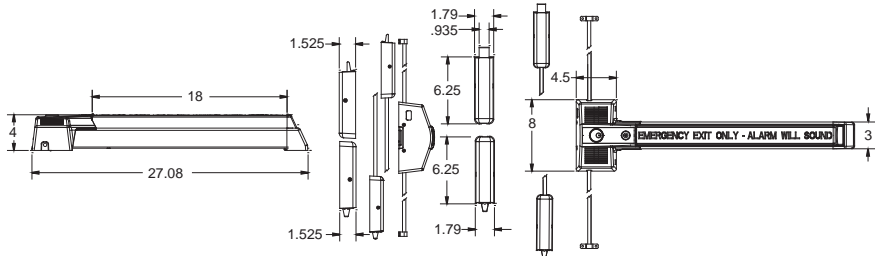
- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Double Door requirements:
(1) ECL-230X-W-TB
(1) RC65
(1) DDSK
or
(2) ECL-230X-W-TB
(2) RC65
(1) 90KR
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Dimensions

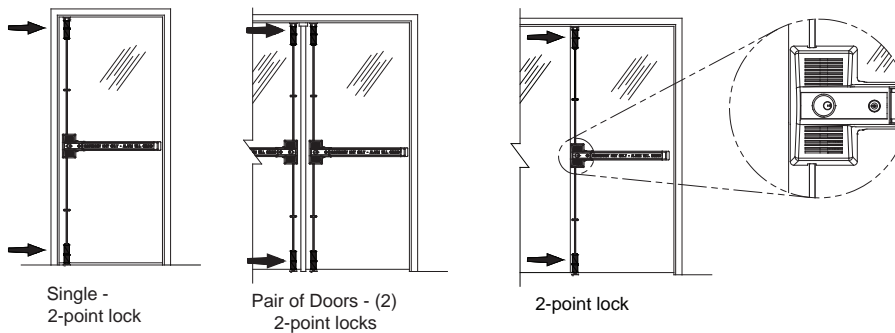
For use on most doors and gates 34" to 48" wide



For use on special doors and gates 27.5" to 30" wide



Riser Diagram



Listings and Approvals



UL Listed
Panic Hardware
988N-Grade 2

UL1034-34 Temperature Section 34
[Temperature Range -31° F (-35° C) to 150° F (+66° C)]

UL 1034-54 Dust Section 54



Meets ADA requirements



Meets NFPA 101
for Life Safety,
CA Title 19



ANSI/BHMA
requirements for all
Building Codes



California State Fire Marshal -
4140-0127:102

Meets International Building Code

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety, Security and Security Assurance

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
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(800) 729-3839
FAX (800) 653-3839
<http://www.detex.com>
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International Sales:
export@detex.com

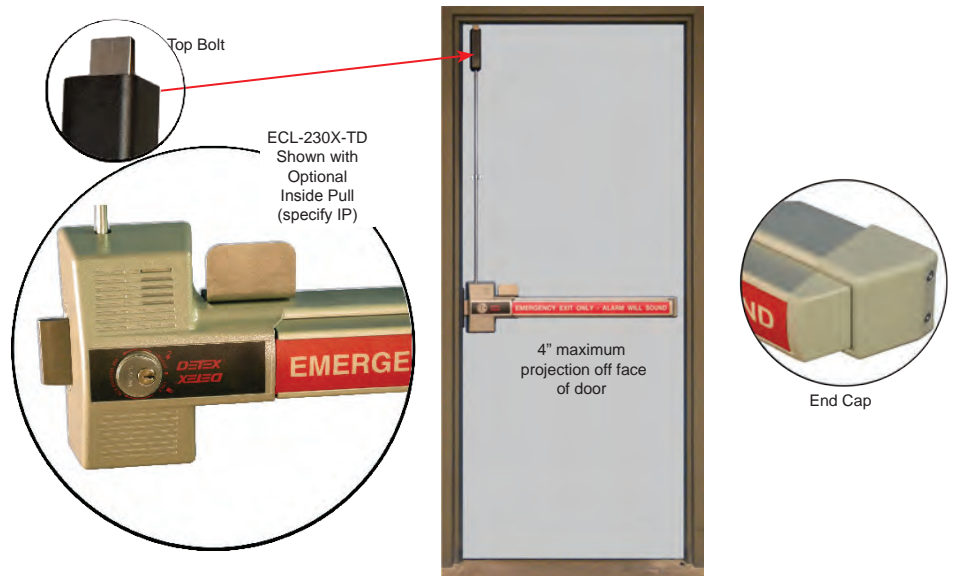
Cancer & Reproductive Harm - www.detex.com/prop65

EXIT CONTROL LOCKS

ECL-230X-TD (Top and Dead Bolt)

Exit Control Hardware

The ECL-230X-TD is a **code compliant, battery alarmed, rugged 2-point dead bolt**, panic device with **photo-luminescent sign** providing maximum security and a **100 decibel alarm for secondary exits.**



Benefits

- Attack resistant design for maximum holding force
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For additional security with 5 locking points, specify ECL-230X-TD-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 2-point, 1" throw dead bolt lock with just over 3/4" engagement with the frame and a 3/4" throw top lock with just over 5/8" engagement with the strike
- Saw resistant dead bolts
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
- H - Hurricane Rated
- 84" - Fits 6'8" to 7' door
- 96" - Fits 7' to 8' door
- 120" - Fits 8' to 10' door
- 30 - Fits 30" wide door
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- DX1 - Add hinge side protection with one hinge bolt for 3 locking points (3/4" frame engagement)
- DX2 - Add hinge side protection with two hinge side bolts for 4 locking points (3/4" frame engagement)
- DX3 - For maximum hinge side protection add three hinge side bolts for 5 locking points (3/4" frame engagement)
- RC - Rod Covers
- BG - Bottom Bolt Guard
- RC-BG - Rod Covers & Bottom Bolt Guard
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
- Other Languages available (call factory for details)
- IP - Inside Pull
- SN1 - Sex Nut Kit

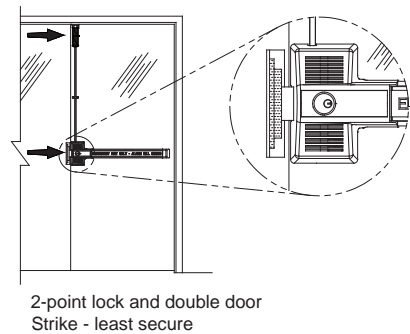
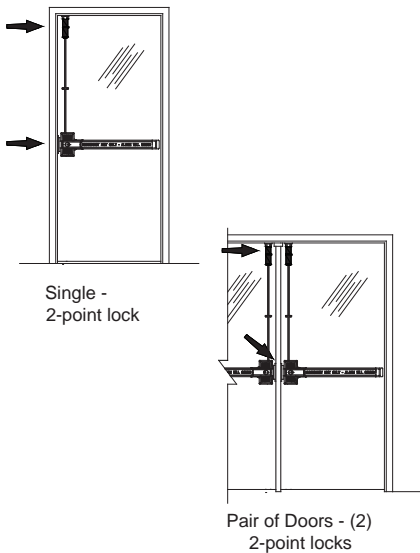
Mechanical Options Continued

- 03T - Trim Plate
- 03PP - Pull Plate
- Rim cylinder required for 03 Trims (sold separately)
- 01T - Trim Plate
- 01PP - Pull Plate
- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- CL - Cover Lock
- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)
- BE-961 - Hardwired Conversion Kit, eliminates battery (Sold Separately)

Technical Information

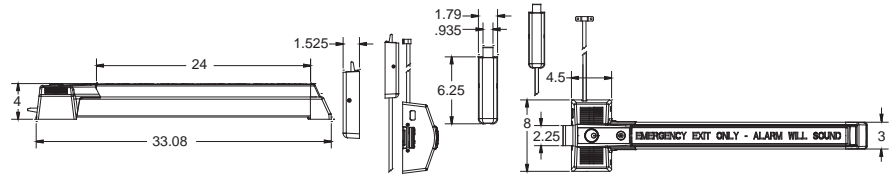
- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Double Door requirements:
 - (1) ECL-230X-TD
 - (1) RC65
 - (1) DDSK
 - or
 - (2) ECL-230X-TD
 - (2) RC65
 - (1) 90KR
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Riser Diagram

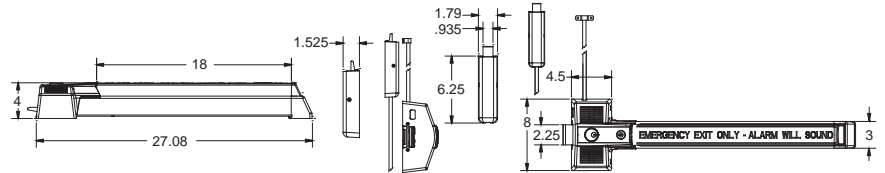


Dimensions

For use on most doors and gates 34" to 48" wide



For use on special doors and gates 27.5" to 30" wide



Listings and Approvals

- UL Listed
Panic Hardware
988N-Grade 2
- Meets ADA requirements
- Meets NFPA 101 for Life Safety, CA Title 19
- ANSI/BHMA requirements for all Building Codes
- California State Fire Marshall - 4140-0127:102
- Meets International Building Code

Detex Limited Warranty
10 Year Limited Manufacturer's Warranty



Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

Cancer & Reproductive Harm - www.detex.com/prop65

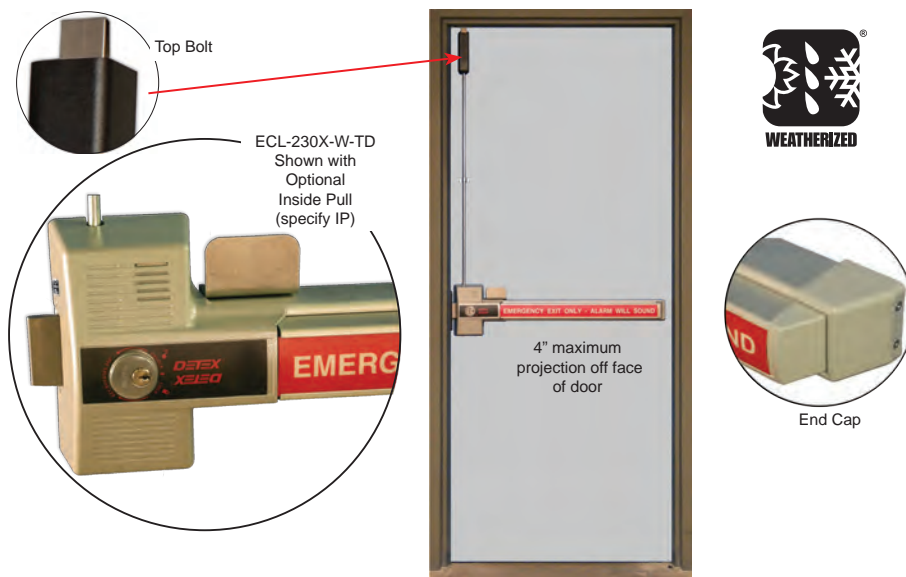
EXIT CONTROL LOCKS

ECL-230X-W-TD (Weatherized Top and Dead Bolt)

Exit Control Hardware

The ECL-230X-W-TD is a **code compliant, battery alarmed, rugged 2-point dead bolt**, panic device with **photo-luminescent sign** providing maximum security and a **100 decibel alarm for secondary exits**.

This device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); MIL-STD 810F and Method 509.4 (salt fog test).



Benefits

- Attack resistant design for maximum holding force
- Weather resistant design for use in outdoor or wet environments
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For additional security with 5 locking points, specify ECL-230X-W-TD-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 2-point, 1" throw dead bolt lock with just over 3/4" engagement with the frame and a 3/4" throw top lock with just over 5/8" engagement with the strike
- Saw resistant dead bolts
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking (dead bolt) always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
- H - Hurricane Rated
- 84" - Fits 6'8" to 7' door
- 96" - Fits 7' to 8' door
- 120" - Fits 8' to 10' door
- 30 - Fits 30" wide door
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- DX1 - Add hinge side protection with one hinge bolt for 3 locking points (3/4" frame engagement)
- DX2 - Add hinge side protection with two hinge side bolts for 4 locking points (3/4" frame engagement)
- DX3 - For maximum hinge side protection add three hinge side bolts for 5 locking points (3/4" frame engagement)
- RC - Rod Covers
- BG - Bottom Bolt Guard
- RC-BG - Rod Covers & Bottom Bolt Guard
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
- Other Languages available (call factory for details)
- IP - Inside Pull
- SN1 - Sex Nut Kit

Mechanical Options Continued

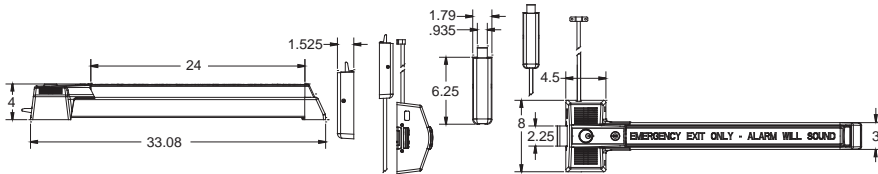
- 03T - Trim Plate
- 03PP - Pull Plate
Rim cylinder required for 03 Trims (sold separately)
- 01T - Trim Plate
- 01PP - Pull Plate
- SS - Security Screws
- CL - Cover Lock
- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- CL-SS - Cover Lock & Security Screws
- RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)
- BE-961 - Hardwired Conversion Kit, eliminates battery (Sold Separately)
NOTE: BE-961 is not weatherized, protect with NEMA enclosure.

Technical Information

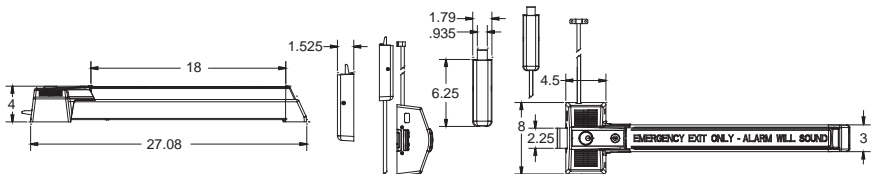
- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Double Door requirements:
(1) ECL-230X-W-TD
(1) RC65
(1) DDSK
or
(2) ECL-230X-W-TD
(2) RC65
(1) 90KR
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Dimensions

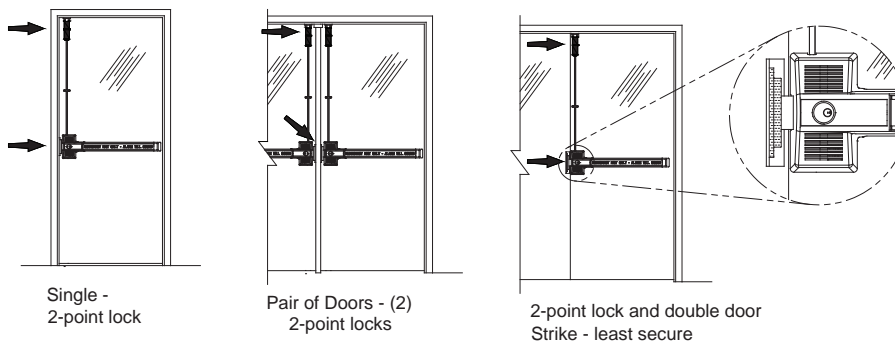
For use on most doors and gates 34" to 48" wide



For use on special doors and gates 27.5" to 30" wide



Riser Diagram



UL Listed
Panic Hardware
988N-Grade 2

UL1034-34 Temperature Section 34
[Temperature Range -31° F (-35° C) to
150° F (+66° C)]

UL 1034-54 Dust Section 54



Meets ADA requirements



Meets NFPA 101
for Life Safety,
CA Title 19



ANSI/BHMA
requirements for all
Building Codes



California State Fire Marshall -
4140-0127:102

Meets International Building Code

Detex Limited Warranty
10 Year Limited Manufacturer's
Warranty

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DETEx®
Life Safety, Security and Security Assurance

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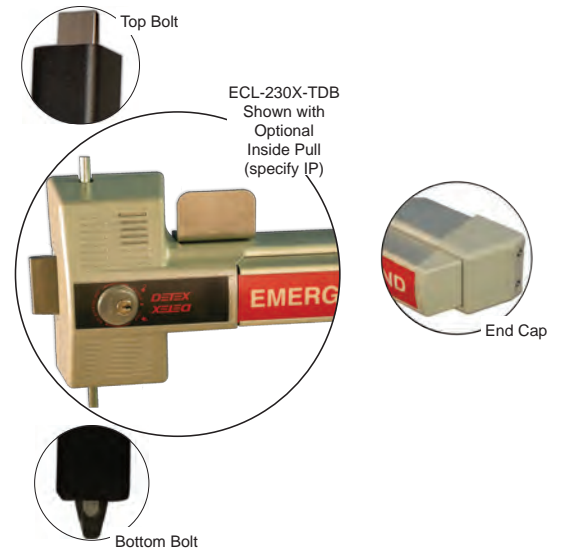
Cancer & Reproductive Harm - www.detex.com/prop65

EXIT CONTROL LOCKS

ECL-230X-TDB (Top Bolt, Dead Bolt and Bottom Bolt)

Exit Control Hardware

The ECL-230X-TDB is a code compliant, battery alarmed, rugged 3-point dead bolt, panic device with photo-luminescent sign providing maximum security and a 100 decibel alarm for secondary exits. Independent laboratory testing shows that the ECL-230X-TDB can withstand up to 16,000 pounds of pull force.



Benefits

- Attack resistant design for maximum holding force
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For maximum security with 6 locking points, specify ECL-230X-TDB-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 3-point, 1" throw dead bolt lock with just over 3/4" engagement with the frame, and 3/4" throw top and bottom locks with 5/8" engagement with the strike
- Saw resistant dead bolts
- Corrosion resistant alloy lock body
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Surface/flush reversible strike
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- 100 decibel alarm, powered by 9-volt battery (included)
- Locking and unlocking the dead bolt always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2
- Gray Finish

Mechanical Options

- H - Hurricane Rated
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- BE-961 - Hardwired Conversion Kit, eliminates battery (sold separately)
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
Other Languages available (call factory)
- 84" - Fits 6'8" to 7' door
- 96" - Fits 7' to 8' door
- 120" - Fits 8' to 10' door
- 30 - Fits 30" wide door
- Add hinge side protection with 3/4" frame engagement
 - DX1 - one hinge bolt for 4 locking points
 - DX2 - two hinge bolts for 5 locking points
 - DX3 - three hinge bolts for 6 locking points
- CL - Cover Lock
- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- IP - Inside Pull
- SN1 - Sex Nut Kit
- 01T - Trim Plate
- 01PP - Pull Plate
- 03T - Trim Plate
- 03PP - Pull Plate
Note: Rim cylinder required for 03 Trims (sold separately)
- RK - ECL-230D RetroFit Kit (Endcap plate & lock-body plate)
- RC - Rod Covers
- BG - Bottom Bolt Guard
- RC-BG - Rod Covers & Bottom Bolt Guard

Technical Information

- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door
- Machine and Sheet Metal Screws (Std.)
- Double Door requirements:
 - (1) ECL-230X-TDB
 - (1) RC65
 - (1) DDSK
 - or
 - (2) ECL-230X-TDB
 - (2) RC65
 - (1) 90KR
- Optional Sex Nuts or Security Torx Screws Available

Detex Recommendations For Commercial Outswinging Doors

- Commercial Heavy duty door and frame, anchored to concrete wall & floor
 - Minimum 16 gauge door and frame, reinforced for multi-lock exit device
- Full length, heavy duty hinge (provided by installer)
- Full length, heavy gauge steel astragal (provided by installer)
- Detex H-ECL-230X-TDB-DX3-SN1 with flush strike install, multipoint, code compliant alarmed panic device
 - Hurricane rated hardware provides superior fasteners and reinforced push pad that helps prevent break-in
 - Flush Strike Installation provides superior holding force with maximum bolt penetration into the frame (see install instructions)
 - DX3 - 3 hinge side bolts that protect against hinge attack
 - SN1 - Sex Nuts / through bolts provide superior installation
- Hardened / reinforced steel plate installed on interior door skin, prevents drilling through door (provided by installer)
- Burglar alarm contact placed on inside, bottom or low on the door, to trigger burglar alarm when door is peeled / pried upward (inquire with burglar alarm company)

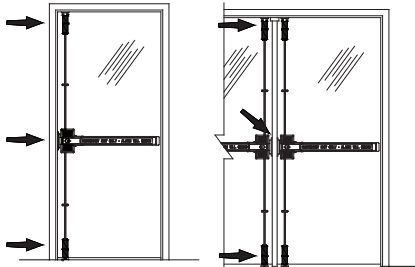


Push Side Pull Side

Note: Above recommendations are for a single door, but if used on a pair of doors, include a heavy gauge steel center

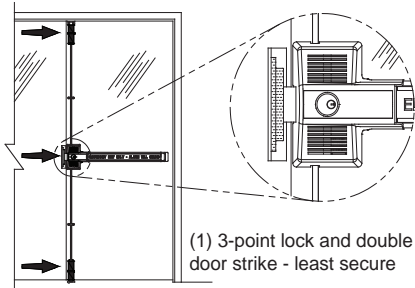
For more suggestions on Break-In Prevention, visit www.detex.com/lcopqanpeo

Riser Diagram

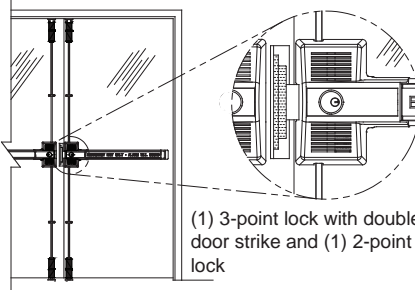


Single -
3-point lock

Pair of Doors - (2)
3-point locks



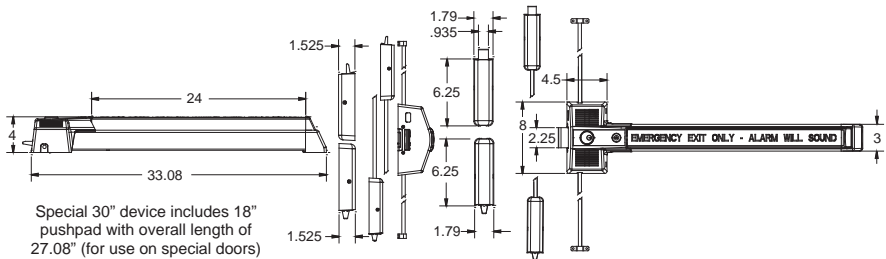
(1) 3-point lock and double door strike - least secure



(1) 3-point lock with double door strike and (1) 2-point lock

Dimensions

For use on most doors and gates 34" to 48" wide



Listings and Approvals



UL 305 Listed
Panic Hardware



UL1034-34 Temperature Section 34
[Temperature Range -31° F (-35° C) to 150° F (+66° C)]

UL 1034-54 Dust Section 54



Meets ADA Requirements



Meets NFPA 101 for Life Safety,
CA Title 19



ANSI/BHMA A156.3 Grade 2
requirements for all
Building Codes



California State Fire Marshall -
4140-0127:102

Meets International Building Code



Hurricane Listed (H)
Miami-Dade County, Florida
NOA 15-0603.15 EXP 11/28/18

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty



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FAX (800) 653-3839

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International Sales:

export@detex.com



Cancer & Reproductive Harm - www.detex.com/prop65

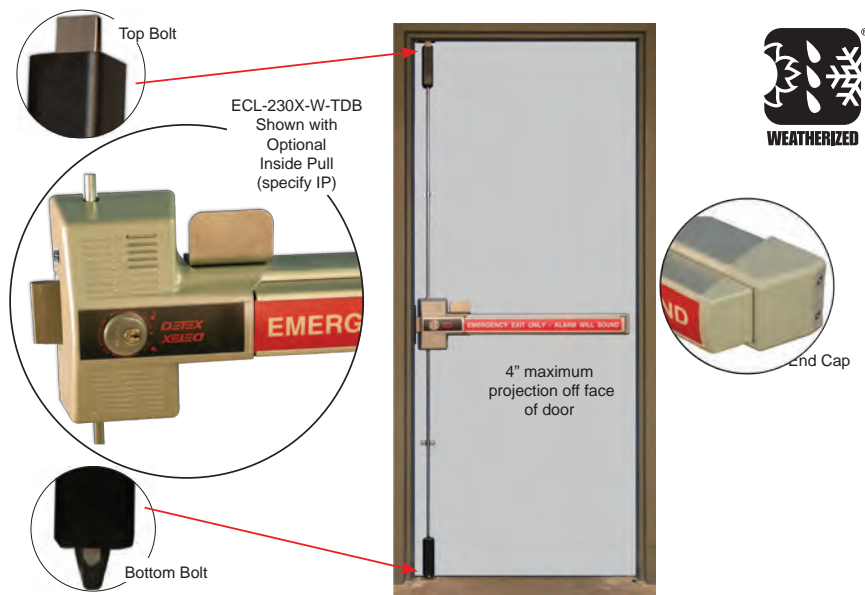
EXIT CONTROL LOCKS

ECL-230X-W-TDB (Weatherized Top Bolt, Dead Bolt and Bottom Bolt)

Exit Control Hardware

The ECL-230X-W-TDB is a **code compliant, battery alarmed, rugged 3-point dead bolt**, panic device with **photo-luminescent sign** providing maximum security and a **100 decibel alarm for secondary exits**.

This device conforms to UL1034-34 Temperature Section 34, UL1034-54 Dust Section 54, MIL-STD 810F, Method 506.4 (driving rain test); MIL-STD 810F and Method 509.4 (salt fog test).



Benefits

- Attack resistant design for maximum holding force
- Weather resistant design for use in outdoor or wet environments
- Proven durability and reliability at a reasonable price
- Easy to install
- Reduces employee and customer theft
- Time tested construction resists attack from the inside
- One size fits 36"-48" doors for code compliant acceptance
- For maximum security with 6 locking points, specify ECL-230X-W-TDB-DX3
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 3-point, 1" throw dead bolt lock with just over 3/4" engagement with the frame, and 3/4" throw top and bottom locks with 5/8" engagement with the strike
- Saw resistant dead bolts
- Corrosion resistant alloy lock body
- 100 decibel alarm, powered by 9-volt battery (included)
- Surface/flush reversible strike
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders without using cylinder collar
- Durable photo-luminescent sign absorbs light to then "glow in the dark" when lights are dimmed
- Locking and unlocking the dead bolt always arms and disarms the alarm
- Non-handed
- Low profile meets International Building Code requirement allowing for 4" maximum projection off face of door
- Resetting the alarm can only be accomplished with a control key
- For 9VDC hardwiring add BE-961-1 or BE-961-2

Mechanical Options

- Gray Finish (Std.)
Note: Contact factory for additional finishes
- H - Hurricane Rated
- 84" - Fits 6'8" to 7' door
- 96" - Fits 7' to 8' door
- 120" - Fits 8' to 10' door
- 30 - Fits 30" wide door
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- DX1 - Add hinge side protection with one hinge bolt for 4 locking points (3/4" frame engagement)
- DX2 - Add hinge side protection with two hinge side bolts for 5 locking points (3/4" frame engagement)
- DX3 - For maximum hinge side protection add three hinge side bolts for 6 locking points (3/4" frame engagement)
- IP - Inside Pull
- SN1 - Sex Nut Kit
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
- Other Languages available (call factory for details)
- CL - Cover Lock
- SS - Security Screws
- CL-SS - Cover Lock & Security Screws

Mechanical Options Continued

- 03T - Trim Plate
- 03PP - Pull Plate

Rim cylinder required for 03 Trims (sold separately)

- 01T - Trim Plate
- 01PP - Pull Plate

- IC7R - Interchangeable core housing installed in Lock & or Trim
- IK7R - InstaKey Cylinder installed in Lock & or Trim
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- RK - ECL-230D RetroFit Kit (End-cap plate & lock-body plate)

- RC - Rod Covers
- BG - Bottom Bolt Guard
- RC-BG - Rod Covers & Bottom Bolt Guard
- BE-961 - Hardwired Conversion Kit, eliminates battery (Sold Separately)
NOTE: BE-961 is not weatherized, protect with NEMA enclosure.

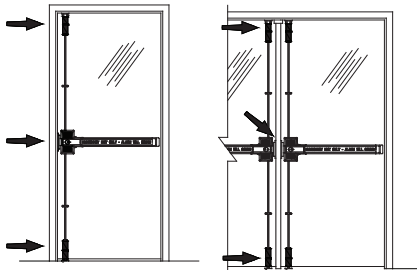
Technical Information

- Door Types - Wood, Hollow Metal
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Standard Device fits 36"-48" door
- Optional Device fits 30"-36" door

- Double Door requirements:
 - (1) ECL-230X-W-TDB
 - (1) RC65
 - (1) DDSK
 - or
 - (2) ECL-230X-W-TDB
 - (2) RC65
 - (1) 90KR

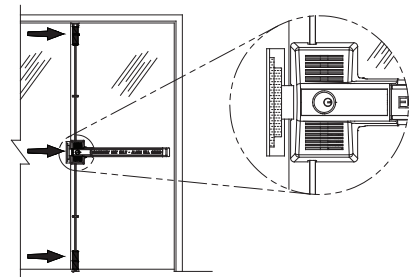
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Riser Diagram



Single - 3-point lock

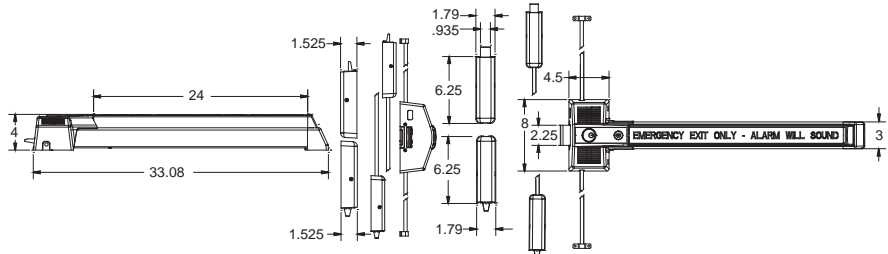
Pair of Doors - (2) 3-point locks



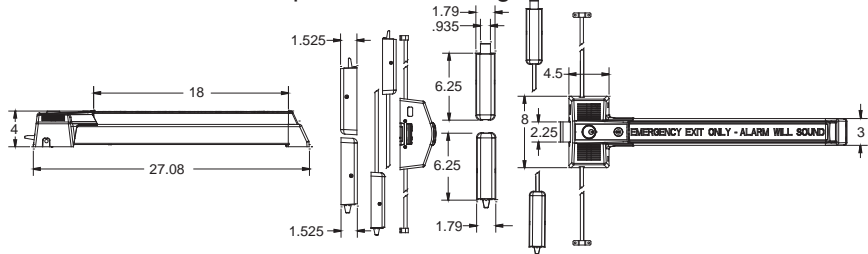
(1) 3-point lock and double door Strike - least secure

Dimensions

For use on most doors and gates 34" to 48" wide



For use on special doors and gates 27.5" to 30" wide



Detex Limited Warranty

10 Year Limited Manufacturer's Warranty

Listings and Approvals



UL 305 Listed
Panic Hardware
UL1034-34 Temperature Section 34
(Temperature Range -31° F (-35° C) to 150° F (+66° C)
UL 1034-54 Dust Section 54



Meets NFPA 101 for Life Safety, CA Title 19



ANSI/BHMA A156.3 Grade 2 requirements for all Building Codes



California State Fire Marshal



Meets ADA Requirements

Meets International Building Code



Hurricane Listed (H)
Miami-Dade County, Florida
NOA 15-0603.15 EXP 11/28/18

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DETEX®
Life Safety, Security and Security Assurance

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA

PH. (830) 629-2900

(800) 729-3839

FAX (800) 653-3839

<http://www.detex.com>

USA Sales:

marketing@detex.com

International Sales:

export@detex.com

⚠ Cancer & Reproductive Harm - www.detex.com/prop65

EXIT CONTROL LOCKS

ECL-600

Fire-Rated Exit Control Hardware

The ECL-600 is a **fire rated, code-compliant**, rugged, dependable **relatching** exit device with a **steel plate and photo-luminescent sign** providing managed security and a 100 decibel alarm for secondary fire exits.



ECL-600
(Cylinders and bar
guard sold separately)

Benefits

- Attack resistant design withstands over 2200 lbs. of outside pull force
- Proven durability, reliability and long service life at a reasonable price
- Reduces employee and customer theft
- Easy to Install
- Time tested construction resists attack from the inside
- Easy to see if the lights go out
- Straightforward operation that everyone understands

Features

- 1" throw dead bolt and 3/4" dead locking latch bolt
- Relatching for additional security
- Saw resistant dead bolt
- Corrosion resistant alloy lock-body
- 100 decibel alarm, powered by 9-volt battery (included)
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders
- Durable steel plate with photo luminescent sign
- Non-handed
- Locking and unlocking the dead bolt always arms and disarms the alarm
- Resetting the alarm can only be accomplished with a control key

Mechanical Options

- Gray Finish (Std.)
- English Push Plate Sign (Std.)
- Other Languages available (call factory for details)
- For Panic Hardware see ECL-230D or ECL-230D-PH

Accessories

- ECL-2100K - Bar Guard Kit - to protect end of bar, when required by code
- ECL-445K - Rim Cylinder, 5-pin with two keys
- ECL-1595 - Cylinder Collar required for 6 or 7 pin cylinders
- BE-961 - Hard wired Conversion Kit, eliminates battery
- F90KR - Keyed Removable Mullion for pairs of doors. Each leaf will operate independently.
- ECL-435K Adjustable Surface Keeper Bracket for some double door applications
- ECL-620 - Outside Lever Trim (rim cylinder sold separately)

ECL-620 Lever Trim



ECL-620

Designed specifically to operate with the ECL-600 Fire-Rated Exit Control Lock, the ECL-620 is a heavy-duty lever trim that allows entry from the outside. The keyed cylinder retracts the dead bolt and the lever operates the latch bolt.

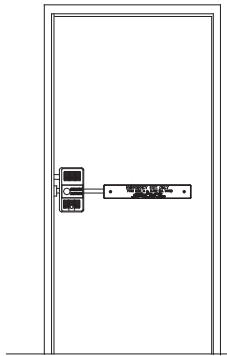
- Modern design lever
- Durable black finish
- Recessed cylinder for vandal resistance

- Key operates dead bolt
- Lever always active, retracting only the latch bolt
- Durable, through-bolted design
- Accepts standard rim cylinder (sold separately)

Technical Information

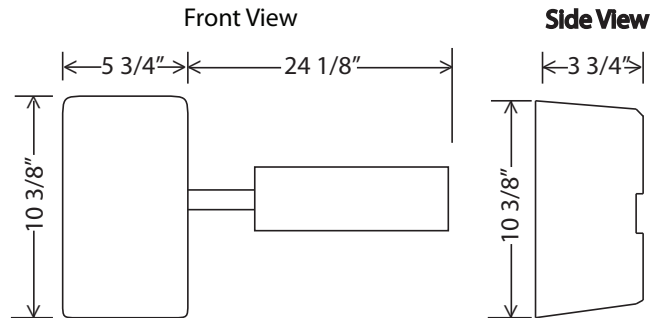
- Door Types - Wood, Hollow Metal or Aluminum
- Door Thickness - Fits standard 1-3/4" - 2-1/4"
- Minimum standard door width for ECL-600 is 34"
- Double Door requirements: Fire-Rated (2) ECL-600 (3) ECL-445K Cylinders (1) F90KR Keyed Removable Mullion (3-hour fire-rated to 8'0" high)
- Door Stile - Fits minimum 5-3/4" with ECL-437K Strike (Std.)
- Door Stile - Fits maximum 1-7/8" with ECL-475 Kit
- Machine and Sheet Metal Screws (Std.)
- Optional Sex Nuts or Security Torx Screws Available

Riser Diagram



Single Door

Dimensions



Listings and Approvals



Fire Exit Hardware



Meets ADA requirements



Meets NFPA 80 & 101 for Life Safety, CA Title 19 &



ANSI/BHMA requirements for all Building Codes



California State Fire Marshal - 4140-0127:102

Detex Limited Warranty

10 Year Limited Manufacturer's Warranty

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DETEx®
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 302 Detex Drive
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 (800) 729-3839
 FAX (800) 653-3839
 http://www.detex.com
 USA Sales:
 marketing@detex.com
 International Sales:
 export@detex.com

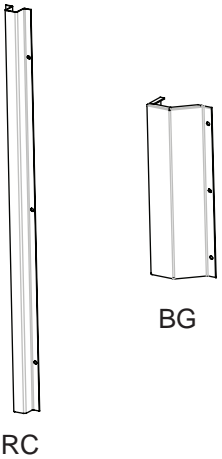


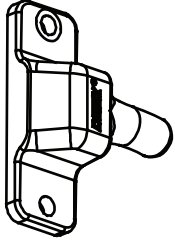
Cancer & Reproductive Harm - www.detex.com/prop65

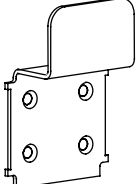
EXIT CONTROL LOCKS

ACCESSORIES for ECL-230X SERIES

Detex makes a number of accessories available that allow the Exit Control Locks to be used in a wide range of applications. Below is a listing and description of these items.

	<u>Item Number</u>	<u>Description and Use</u>
 <p data-bbox="267 871 305 898">RC</p> <p data-bbox="418 745 456 772">BG</p>	<p data-bbox="735 401 870 464">RC (105771-X)</p> <p data-bbox="735 562 846 625">BG (103562)</p> <p data-bbox="735 737 870 800">RC-BG (105771-X)</p>	<p data-bbox="1057 401 1208 428"><u>Rod Covers</u> Protects rods in high use, high abuse applications. Used with ECL-230X-TB, TD & TDB.</p> <p data-bbox="1057 562 1495 695"><u>Bottom Bolt Guard</u> Protects bottom bolt in high use, high abuse applications. Used with ECL-230X-TB & TDB.</p> <p data-bbox="1057 737 1520 863"><u>Rod Covers & Bottom Bolt Guard</u> Protects rods & bottom bolt in high use, high abuse applications. Used with ECL-230X-TB & TDB.</p>

 <p data-bbox="267 1354 391 1381">DX1 shown</p>	<p data-bbox="735 961 789 989">DX1</p> <p data-bbox="735 1171 789 1199">DX2</p> <p data-bbox="735 1381 789 1409">DX3</p>	<p data-bbox="1057 961 1312 989"><u>One hinge side lock</u> One hinge side locking point, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</p> <p data-bbox="1057 1171 1520 1339"><u>Two hinge side locks</u> Two hinge side locking points, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</p> <p data-bbox="1057 1381 1520 1549"><u>Three hinge side locks</u> Three hinge side locking points, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</p>

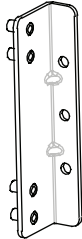
	<p data-bbox="735 1661 764 1688">IP</p>	<p data-bbox="1057 1619 1192 1646"><u>Inside Pull</u> Provides grip handle on inside of door, assists in pulling door closed and locking door</p>

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES

Item Number

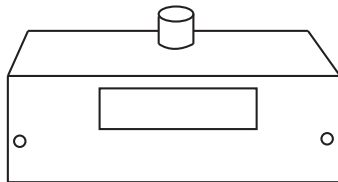
Description and Use



DDSK

Double Door Strike Bracket Kit

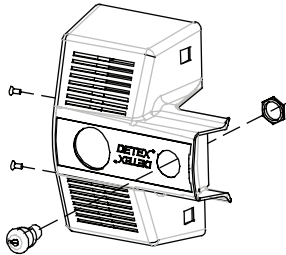
Mounts on inactive leaf. Typically used in conjunction with flush bolts or similar products in double door applications.



DDH-2250

Double Door Holder

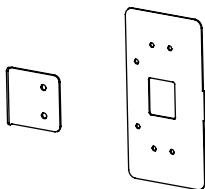
Mounts on inactive leaf. Typically used on pairs of doors. Locks inactive leaf, when active leaf closes, operates similar to automatic flush bolts.



105059-X

Cover Lock Kit

Provides additional protection for battery protection. Requires main operational key and cover lock key to perform maintenance, change battery.



RK

ECL-230 Retrofit Plate Kit

Useful when removing an ECL-230D and installing an ECL-230X



102638

Rim Cylinder Plate

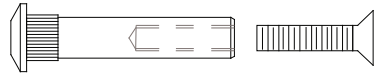
03 function cylinder trim plate used on gates

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES

Item Number

Description and Use

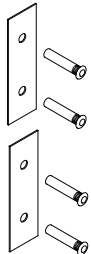


SN1

SN1
(101616-X)

Sex Nuts

Recommended for high use, high abuse applications

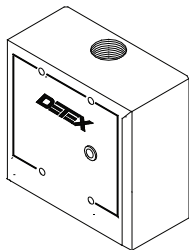


TMP1

TMP1

Through Bolt Mounting Plate Kit

Recommended for high use, high abuse applications. Kit is standard with two plates and four 1/4-20 sex bolts.



BE-961-1 shown

BE-961-1

Battery Eliminator

120VAC to 9VDC - includes 10' flex conduit (includes 120VAC to 12VAC transformer)

BE-961-2

Battery Eliminator

120VAC to 9VDC - includes 10' flex conduit with supervisory loop power, alarm and LED (includes 120VAC to 12VAC transformer)

BE-961-5

Battery Eliminator

12VAC to 9VDC - does not include transformer or flex conduit

BE-961-6

Battery Eliminator

24VAC to 9VDC - does not include transformer or flex conduit

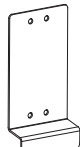
EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES

Description and Use



01T



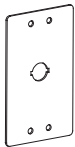
01PP

Trim Plate (01T)

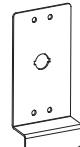
Does not include outside key control. Typically used to cover exterior holes on pull side of door. Sex nuts included.

Trim Pull Plate (01PP)

Does not include outside key control. Typically used to pull door open while door is unlocked. Sex nuts included.



03T



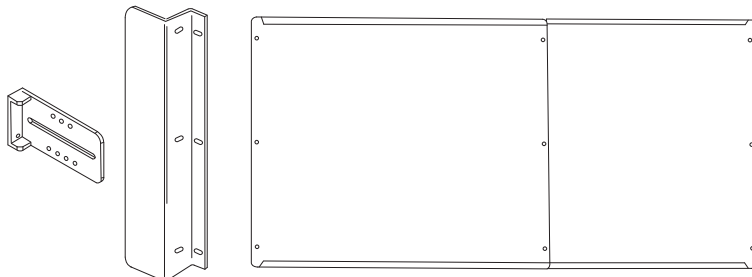
03PP

Trim Pull Plate (03T)

Requires rim cylinder, provides outside key control. Pull provided by others, supplied separately. Sex nuts included.

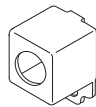
Trim Pull Plate (03PP)

Requires rim cylinder, provides outside key control. Typically used to pull door open while door is unlocked. Sex nuts included.



Gate Plate Kit (GTPL230X)

Adjustable gate plate fits gates 32" - 52" wide. Fits square or round gate frames. Comes with holes for mounting ECL-230X. Kit includes Gate Plate, Gate Latch Protector, and Strike Latch Receiver Bracket.



Cylinder Trim (03GS)

Optional 03 function cylinder trim used on gates (Rim cylinder sold separately)

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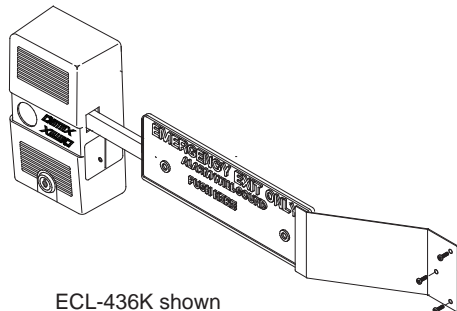
Detex Corporation
302 Detex Drive
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(800) 729-3839
FAX (800) 653-3839
<http://www.detex.com>
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EXIT CONTROL LOCKS

ACCESSORIES for ECL-230D SERIES and ECL-600

Detex makes a number of accessories available that allow the Exit Control Locks to be used in a wide range of applications. Below is a listing and description of these items.



ECL-436K shown

Item Number

Description and Use

ECL-436K

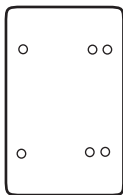
Panic Bar Plate Guard Kit

Protects against clothing being caught on exit bar plate. Used with ECL-230D.

ECL-2100K

Panic Bar Plate Guard Kit

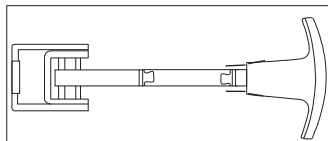
Protects against clothing being caught on exit bar plate. Used with ECL-230D-PH and ECL-600 (required)



ECL-475K

Decorative Back Plate Kit

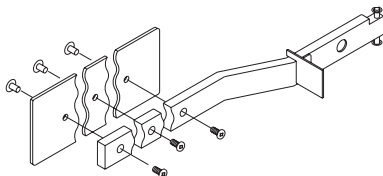
5 19/32" W x 10 3/16" H x .045" thick. To improve the appearance of the back of an Exit Control Lock visible through glass on a narrow stile glass door.



ECL-498K

Outside Pull and Warning Sign

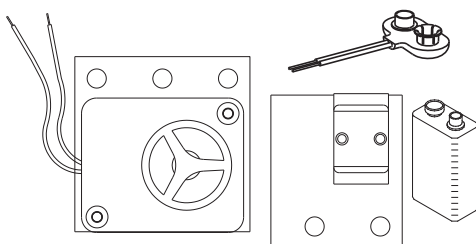
Mounted on opposite face of door where conditions or regulations require that an emergency exit be openable from both sides. Alarm sounds when door is opened.



ECL-2105K

Paddle Bar Kit (Retrofit)

Bar extension kit for 3.0' to 4.0' doors



ECL-2111K

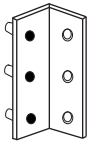
Siren/Battery Conversion Kit

For ECL-230C & D. Converts ECL-230 6 volt lantern battery to 9 volt battery & siren

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230D SERIES and ECL-600

Single Door Mechanical Strikes for Inswinging and Outswinging Installations

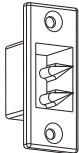


Item Number

Description and Use

ECL-435K

Adjustable strike bracket, surface
For use on left hand, right hand inswinging doors or double doors with one door stationary using flush bolts or DDH-2250



ECL-439K

Mortise strike
For use on outswinging doors



ECL-437K

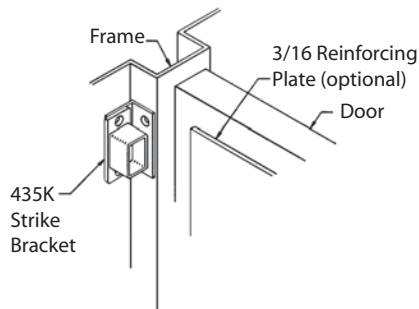
Adjustable strike, surface
For use on outswinging doors

INSWINGING DOORS - LH, RH
ECL-435K adjustable strike bracket, surface

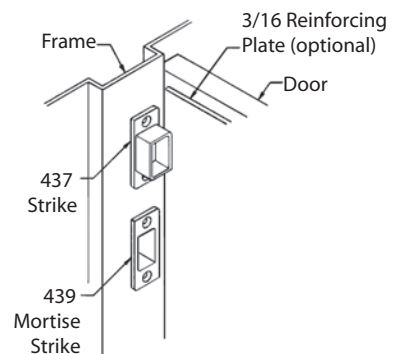
OUTSWINGING DOORS
ECL-439K mortise strike
ECL-437K adjustable strike, surface

* Price of lock includes a kit containing 439 and 437 strikes with required mounting screws. All other strikes must be ordered separately by number. There is an extra charge for strikes that are not included as part of the lock.

FOR INSWINGING INSTALLATIONS
and
DOUBLE DOOR APPLICATIONS
without a MULLION



FOR OUTSWINGING
INSTALLATIONS



All bracket-mounted strikes include unique adjustable feature for proper installation alignment. All strikes supplied with wood and sheet metal mounting screws.

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230D SERIES and ECL-600



ECL-8220

Optional Captions for Exit Bar Plates

Standard exit bar plate includes words "EMERGENCY EXIT ONLY".

Item Number

Description

ECL-8220
ECL-8220-1

English Exit Bar Plate
Red (Standard)
Green

ECL-8220-8

Spanish Exit Bar Plate
Red

ECL-8220-6
ECL-8220-9

Chinese/English Exit Bar Plate (Red)
Chinese Exit Bar Plate (Red)

ECL-8220-7

French Canadian Exit Bar Plate
(Red)

ECL-2109

English Exit Bar Plate for Long Bar -
ECL-230D-PH (Red)



ECL-405
(DT0XX is stamped on the key)
XX = Key # 11-20

Cover Lock Key



Detex Corporation
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New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

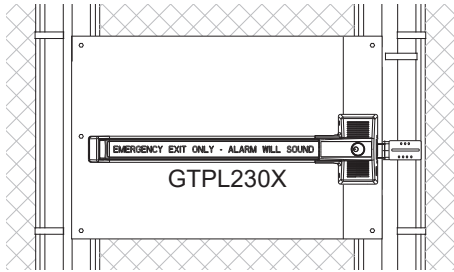
 Cancer & Reproductive Harm - www.detex.com/prop65

Weatherized Accessories

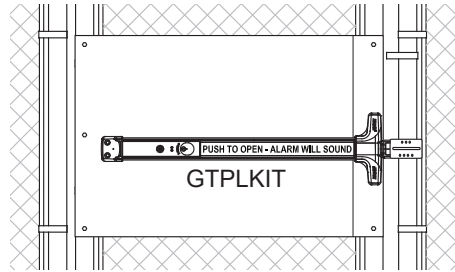
Gate Plate & Accessories

The mounting plate adjusts to fit different gate sizes. The adjustable receiving latch makes installation easy. The lockbox makes it possible to gain access from outside the gate by using a key. All accessories are available in silver or black finish.

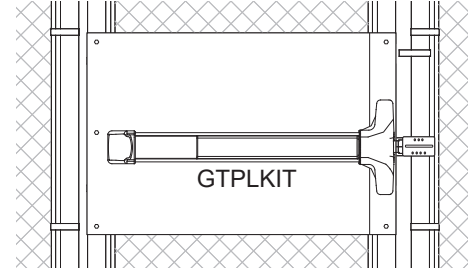
Push Side



ECL-230X-W shown



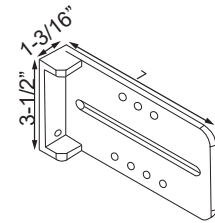
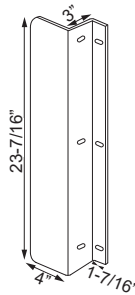
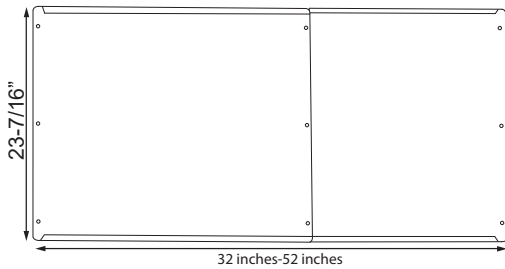
Value Series V40xEBxW shown



Advantex 10xW Series shown

GTPLKIT

The kit includes:



GTPL / GTPL230X Adjustable Gate Plate

- Specify GTPL230X for ECL-230X application
- Specify GTPL for Advantex or Value Series application
- Fits Single Gates 32" - 52" wide
- Adjustable to fit wide variety of single gates
- Sleeved together
- Fits square or round gate frames

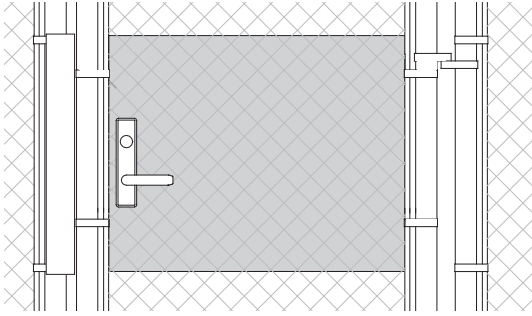
GTPLGRD Gate Latch Protector

- Provides added security
- For use on existing gate plate application where gap is larger than 1"

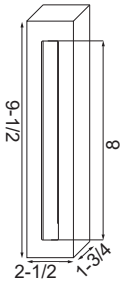
GTSTKBKT Strike Latch Receiver Bracket

- Includes stainless steel U-bolt, nuts, tek-screws
- 1/4" steel with powder-coat finish
- Doubles as gate stop
- Accommodates 99 strike for Advantex 10/40 Series and V40 Series
- Contact Detex for strike bracket for use with ECL-230X-W

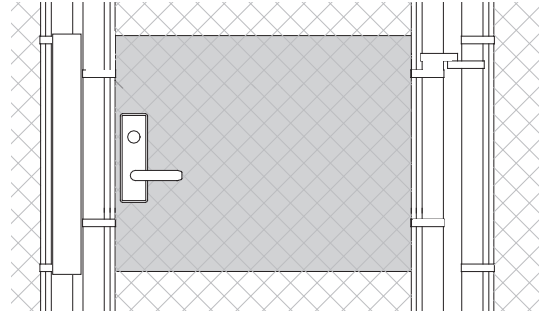
08GSN / 08GS



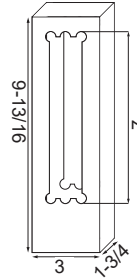
Spacer for Narrow Lever Trim (08GSN)



- For use with 02/08/09/14DN trims
- Narrow lever trim sold separately (specify handing)
- Extends for use with Detex spring-loaded tailpiece
- For use with Advantex and Value Series devices

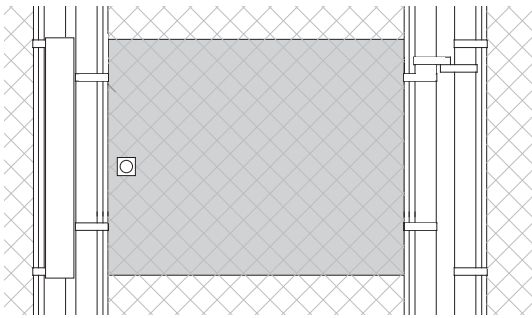


Spacer for Wide Lever Trim (08GS)

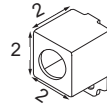


- For use with 02/08/09/14D trims
- Wide lever trim sold separately (specify handing)
- Extends for use with Detex spring-loaded tailpiece
- For use with Advantex and Value Series devices

03GS

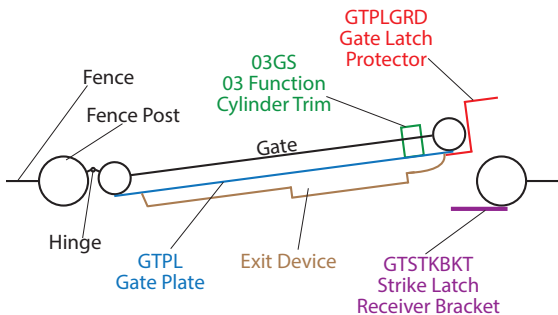


03 Function Cylinder Trim



- Optional accessory
- For use with rim cylinder on gates
- Rim cylinder required (sold separately)
- For use with Advantex, Value Series and ECL devices

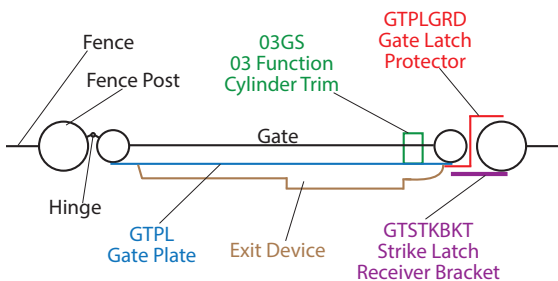
Overhead View - Gate Open



Finishes

- Silver (Std.)
- Black (Specify -BLK)

Overhead View - Gate Closed



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EXIT CONTROL LOCKS ACCESSORY

BE-961

Battery Eliminator

The BE-961 Battery Eliminator is designed to power security devices such as the Detex ECL-230D, ECL-230X Series, ECL-600 battery powered series exit control locks and V40 alarmed rim exit device without reliance on batteries. Converts AC power to DC for supplying battery-operated devices.



BE-961-1

BE-961-2

Benefits

- Powers security devices without reliance on batteries
- Eliminating the need to annually change 9 volt batteries, saves money, prevents unnecessary battery disposal and creates a greener process
- May be installed on the wall adjacent to the protected door quickly and easily
- 10' Flexible armored cable connects the battery eliminator to the security device without interfering with door use
- LED provides visual status of power
- For extra security, the connecting cable may be concealed in the door using a continuous electric hinge

Features

- Available Battery Eliminator Power Supplies:
 - BE-961-1** = 120VAC transformer to 12VAC, 12VAC to 9VDC circuit board
Note: Powers up to three 9V battery devices
 - BE-961-2** = 120VAC transformer to 12VAC, 12VAC to 9VDC circuit board includes secure power/supervisory loop (cutting 9V power will sound BE-961-2 alarm)
Note: For use with ECL products **only**
 - BE-961-5** = Converts 12VAC to 9VDC
 - BE-961-6** = Converts 24VAC to 9VDC
Note: Conduit and transformer for BE-961-5 and BE-961-6 sold separately
- The BE-961-2 includes an internal alarm which sounds at 95dB if the secure power feed wires are cut or when the ECL unit sounds (for use with ECL products only)
- 106595-5 - Battery Eliminator in NEMA enclosure - Suitable for outdoor use - Used to power V40 EB W, 230X-W, EAX-500W - Converts 24VAC to 9VDC
Dimensions: 10-1/4"x13-1/2"x6"

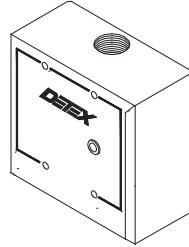


Technical Information

- 9VDC outputs, jumper selectable to the security device
- BE-961-1 and BE-961-2 come with an external transformer
- Line input transient suppression is a standard feature
- BE-961-2 is not for use with EAX and V40 product lines
- Current Output Capacity - .5 Amp

Dimensions

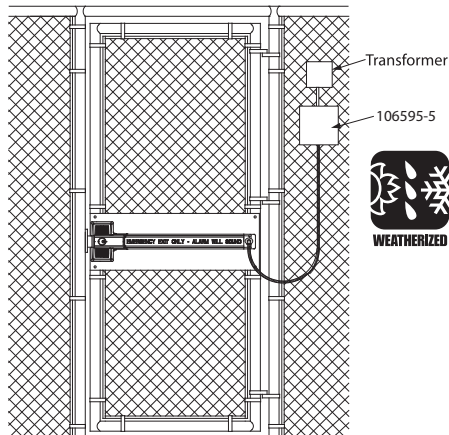
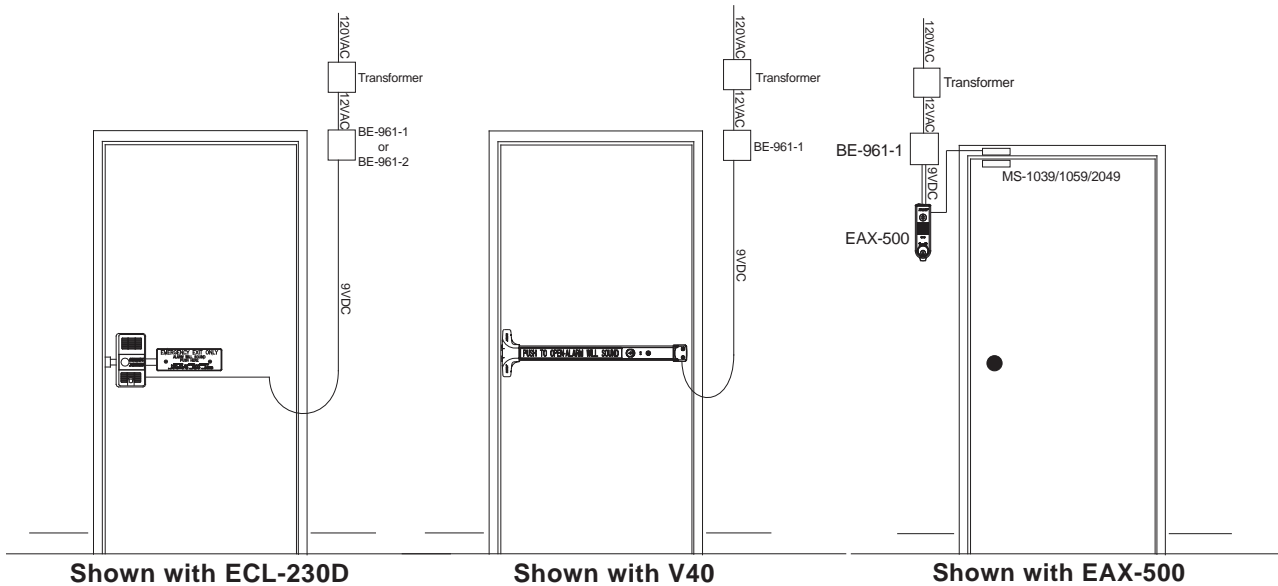
- 4-5/8" wide x 4-5/8" long x 2" deep
- Standard cast aluminum case



Detex Limited Warranty

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Riser Diagram



Shown with ECL-230X-W

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EXIT CONTROL LOCKS ACCESSORY

DDH-2250

Double Door Holder

The DDH-2250, Double Door Holder, is designed for use with Detex Exit Control Locks to provide locking of the inactive leaf on an outswinging double door. Release of the active leaf disengages the DDH-2250 allowing the inactive leaf to open freely.



Benefits

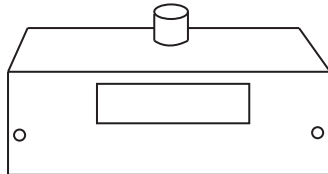
- Enables the Detex Exit Control Locks to be used with any wood, metal or glass double outswinging exit door
- Flexibility for mounting on either the left or right door
- Simple, easy operation - no mortise required
- Pushing the exit control lock opens the active leaf and automatically disengages the DDH-2250, providing instant emergency exit with both doors

Features

- Case hardened steel locking bolt
- Interchangeable pin
- Stainless steel spring providing instant release of lock bolt
- Cast housing of 3/16" durable zinc alloy
- Reversible for right or left hand doors
- 1/4" thick face plate
- Mounting kit contains, screws, allen wrench, strike plate, door protection plate and templates

Dimensions

- 7 1/8" long x 2 1/4" deep x 2 7/8" high




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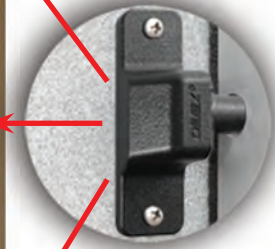
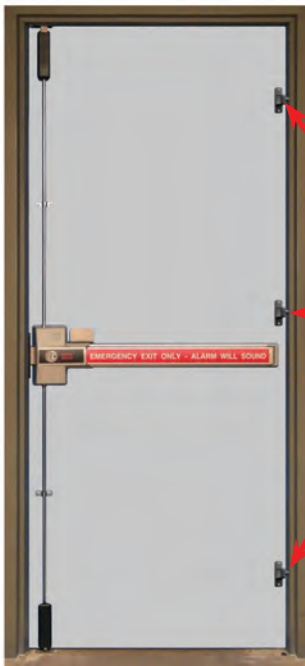
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DX BOLTS

DX1- Single Hinge Bolt / DX2 - Double Hinge Bolts / DX3 Triple Hinge Bolts Hinge Side Locking Dead Bolt for Supplementary Protection

Providing hinge-side protection, the DX Bolt is an additional line of defense against break-ins. Even if the exterior door hinges are compromised the DX Bolts keep your door locked and secure. These passive deadbolts are easy-to-install and offer another layer of attack resistance. DX Bolts can be added to most applications, providing code compliant, economical, multipoint locking security. DX Bolts are available for use with all Detex panic hardware.



Shown here with:
ECL-230X-TDB-DX3
6 point lock

Benefits

- Provides additional line of defense against break-ins
- Attack-resistant design keeps door locked and secure to deter against burglaries
- Adds additional locking points, improving holding strength to slow down crowbar attacks
- Even if the hinges are cut off, the door remains locked and secure
- Easy-to-install design provides secure and accurate bolt engagement every time
- Through-bolt mounting installation improves holding strength

Features

- Can be added to almost any out-swing door application
- You choose the right level of protection with kits of 1 bolt, 2 bolts or 3 bolts
- Non-handed
- Add DX bolts to any Detex multi-point lock to create 4 point, 5 point and 6 point locking panic hardware
- Kits include through-bolt mounting hardware
- One piece stainless construction provides superior holding strength
- Excellent for exterior applications or doors that get wet

Technical Information

• Door Types - Hollow Metal, Fiberglass or Aluminum

• Door Thickness - Fits standard 1-3/4" - 2-1/4" (for other door thicknesses contact factory)

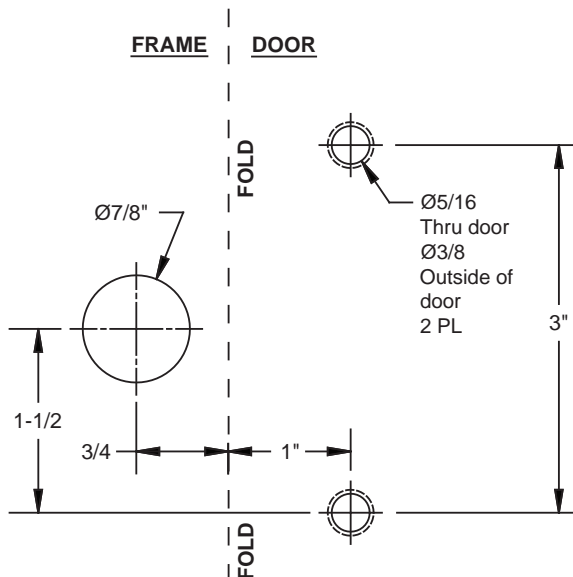
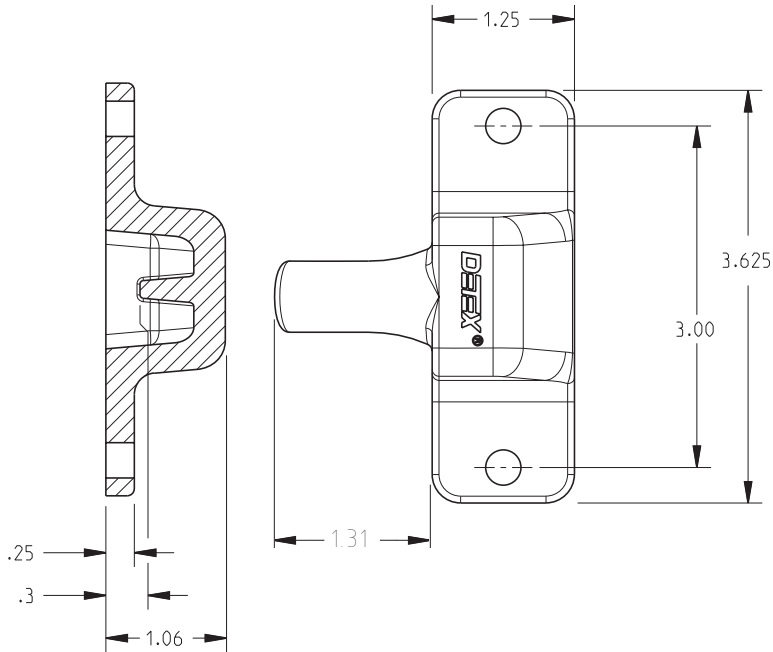
• Machine Screws with Sex Nut fasteners (Std.)

Finishes

• Available in Steel Gray (GRY) - standard Steel

• Available in Painted Black (BLK)

Dimensions



Listings and Approvals



Meets NFPA 80 & 101
for Life Safety



ANSI/BHMA Certified

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VERTICAL ROD ASSEMBLIES

VRA-143 SERIES

For Detex Exit Control Lock Systems (230 Series)

A Vertical Rod Assembly (VRA) is used with a Detex Exit Control Lock (ECL-230D) to provide exit control security on outswinging double doors. In addition it may be used on a single door installation to provide top and bottom latching instead of the single point latching provided by the Exit Control Lock itself.

*For ECL-230X VRA options, see 230X Series



Benefits

- 2 point locking provides extra security
- 3 versions to suit most conditions
- Surface applied - no mortise required for easy installation
- Automatically released when the ECL-230 device is activated

Features

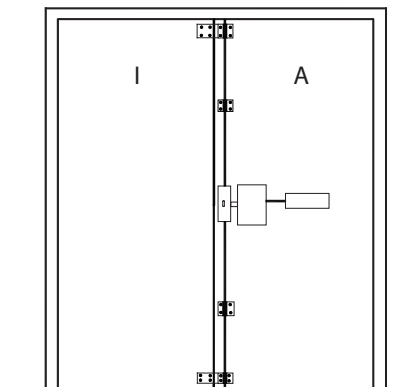
- Heavy duty 3/8" diameter bolts
- VRA-143B secures a single or a pair of doors with one ECL-230D Series Lock, allowing outside access to the active door
- 2 VRA-143C assemblies hold a pair of doors with 2 ECL-230D Series locks, allowing outside access to the active door
- 2 VRA-143D assemblies hold a pair of doors with 2 ECL-230D series locks & permit independent operation of each leaf
- Non-handed
- Sizes accommodate 80" - 120" doors

Riser Diagram

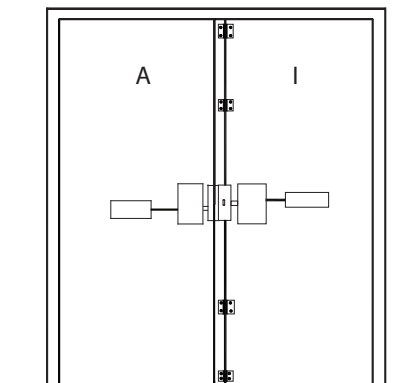
I = Inactive Leaf A = Active Leaf

A = Active Leaf I = Inactive Leaf

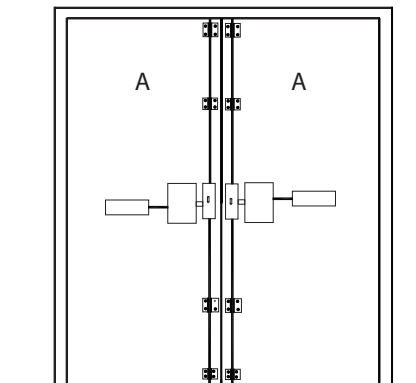
A = Active Leaf



Type "B"



Type "C"



Type "D"

Mechanical Options

- Option B (std) - Active leaf opens both
- Option C - Active leaf opens first; Inactive leaf remains locked until ECL-230D is activated
- Option D - Each leaf independent
- Door Heights - 84" (std)
Special 85" to 96" and over 96"

Accessories

- ECL-230D
- ECL-230D-PH
- ECL-436K Bar Guard Kit (for use with ECL-230D)
- ECL-2100K Bar Guard Kit (for use with ECL-230D-PH)
- RC65 - Rim Cylinder
- ECL-1595 - Standard cylinder collar for ECL-230D or ECL-230D-PH
- DX Bolts for hinge locking

Technical Information

- Bolts - case hardened, heat treated and zinc plated
- Rods - steel, zinc plated
- Housing - steel, zinc plated

Listings and Approvals



“U.L. Listed
Exit Hardware”

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