

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.)
- Black Finish (BK)
- 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.)

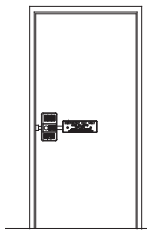
Accessories

- 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

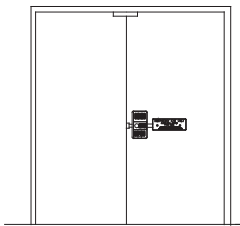
Technical Information

- 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

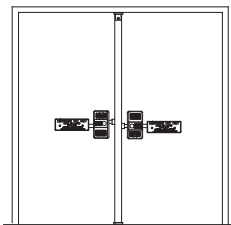
Riser Diagram



Single Door

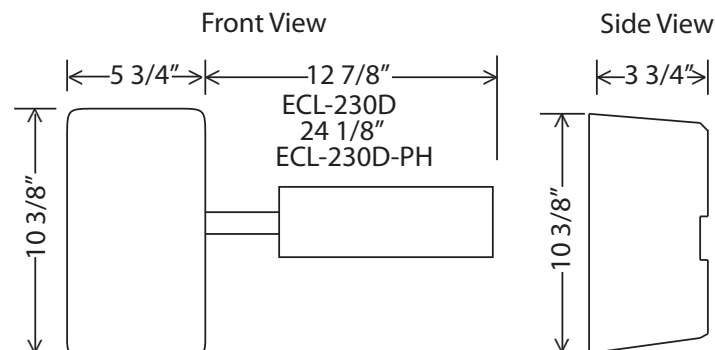


Double Doors
with DDH-2250
Double Door Holder
Adjustable Keeper (ECL-435K)



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



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

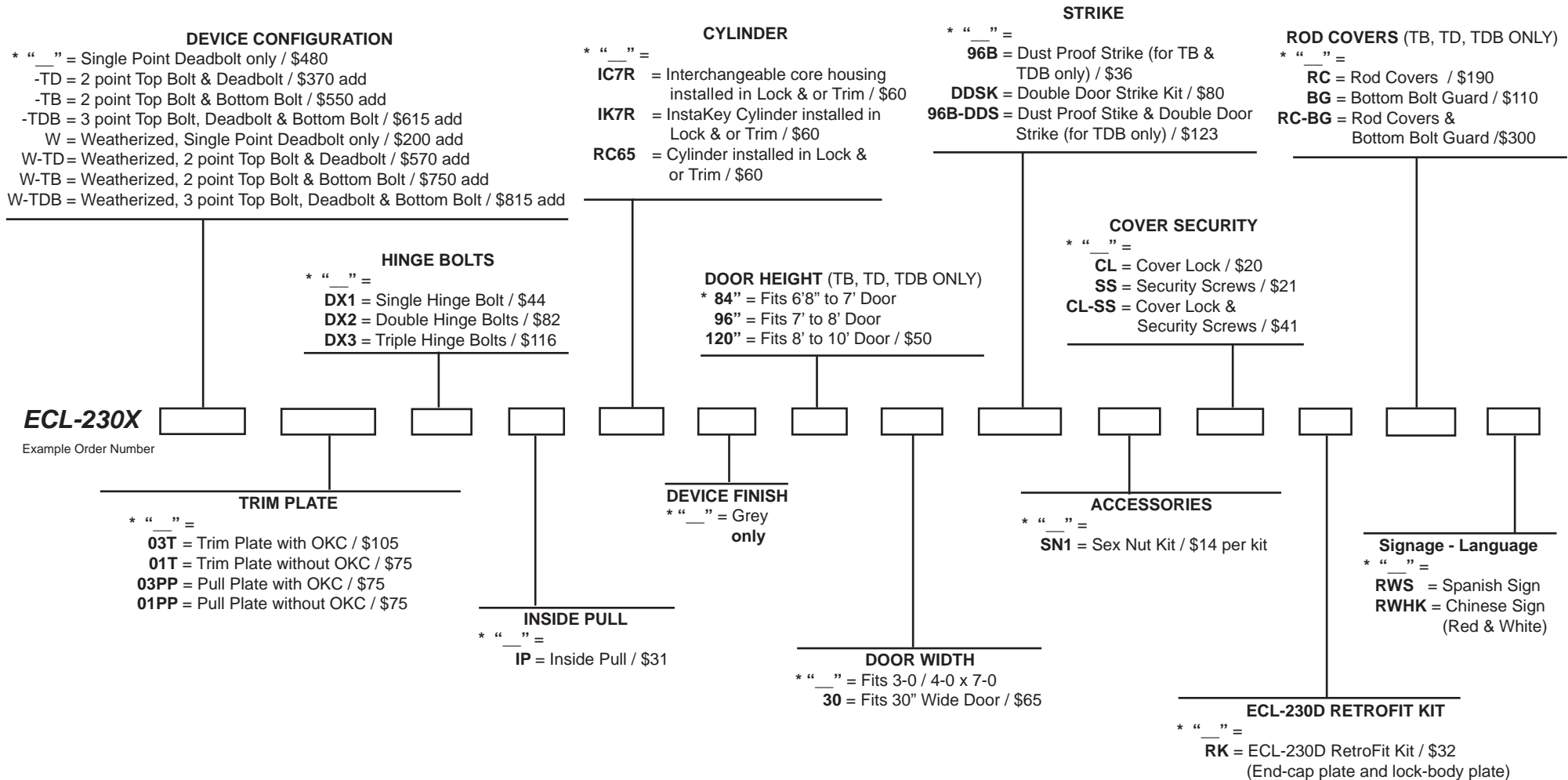
10 Year Limited Manufacturers
Warranty

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

Detex Corporation
 302 Detex Drive
 New Braunfels, Texas 78130-3045 USA
 PH. (830) 629-2900
 (800) 729-3839
 FAX (830) 620-6711
 (800) 653-3839
<http://www.detex.com>
 USA Sales:
marketing@detex.com
 International Sales:
export@detex.com

ECL-230X HOW TO ORDER

(Includes Summary Descriptions)



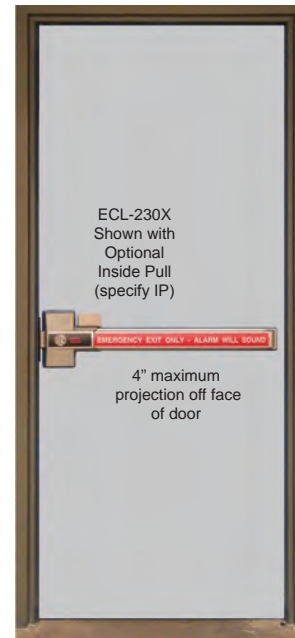
NOTE: * = default
 Contact factory for availability
 of combined options

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
- 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-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)

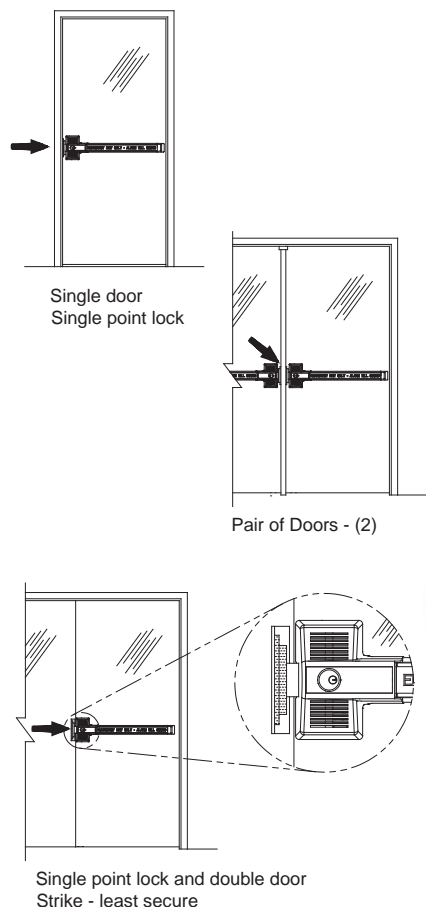
Mechanical Options Continued

- | | | |
|--|---|---|
| <ul style="list-style-type: none"> • 03T - Trim Plate • 03PP - Pull Plate <p>Rim cylinder required for 03 Trims (sold separately)</p> <ul style="list-style-type: none"> • 01T - Trim Plate • 01PP - Pull Plate • IC7R - Interchangeable core housing installed in Lock & or Trim | <ul style="list-style-type: none"> • 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 (Standard on TB configuration) | <ul style="list-style-type: none"> • 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) |
|--|---|---|

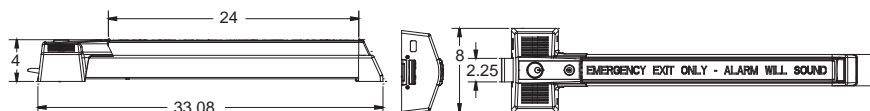
Technical Information

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Double Door requirements: <ul style="list-style-type: none"> (1) ECL-230X (1) RC65 (1) DDSK (1) DDH-2250 or (2) ECL-230X (2) RC65 (1) 90KR | <ul style="list-style-type: none"> • Machine and Sheet Metal Screws (Std.) • Optional Sex Nuts or Security Torx Screws Available |
|---|---|--|

Riser Diagram



Dimensions



Listings and Approvals



UL 305 Listed
Panic Hardware

UL 1034-34 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 13-0617.22 EXP 11/28/18

Detex Limited Warranty
10 Year Limited Manufacturers Warranty

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

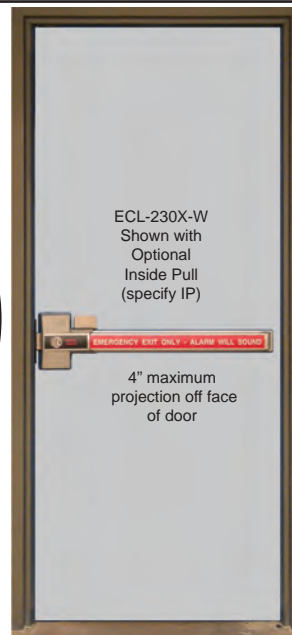
EXIT CONTROL LOCKS

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)

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

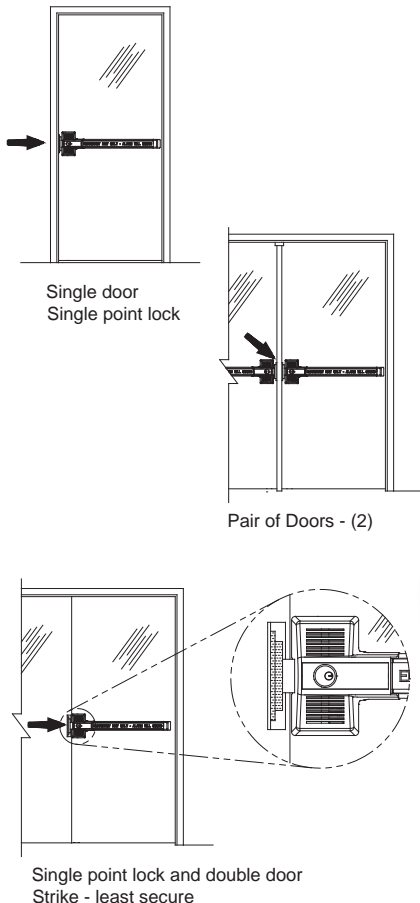
Mechanical Options Continued

- 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 (Standard on TB configuration)
- 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.

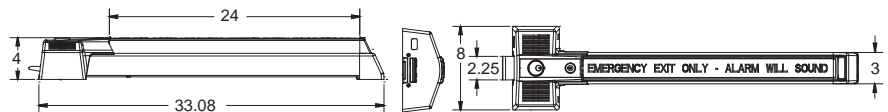
Technical Information

- 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

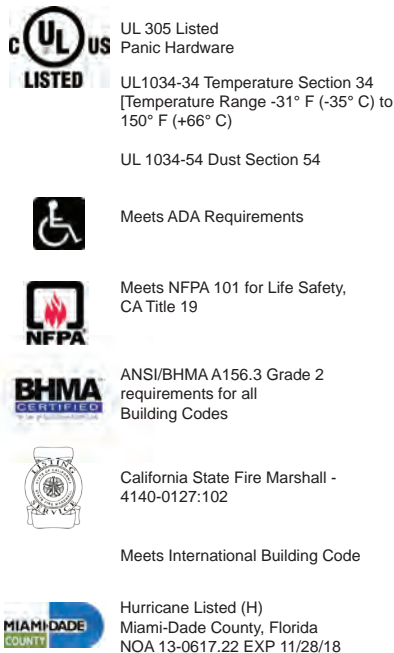
Riser Diagram



Dimensions



Listings and Approvals



Detex Limited Warranty

10 Year Limited Manufacturers
Warranty

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

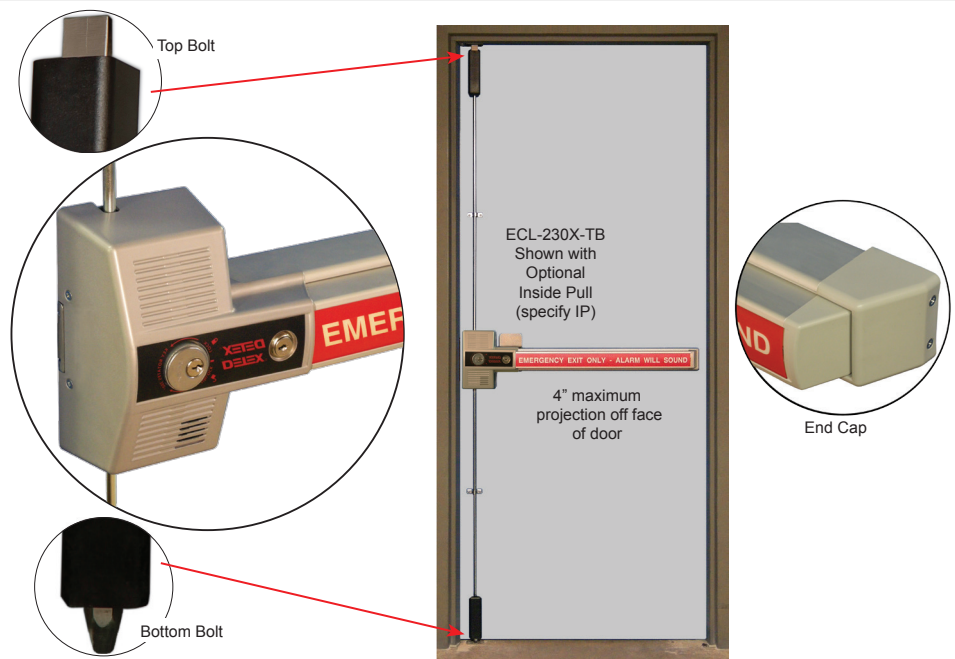
Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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
- 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
- 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)
- 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

• 96B - Dust Proof Strike

• DDSK - Double Door Strike Kit

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

• SN1 - Sex Nut Kit

• CL - Cover Lock (Standard on TB
configuration)

• SS - Security Screws

• CL-SS - Cover Lock & Security
Screws

• 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)

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

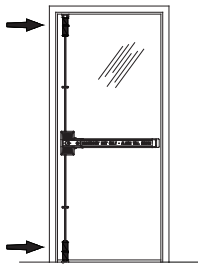
(2) RC65

(1) 90KR

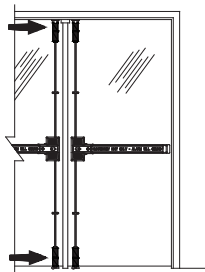
• Machine and Sheet Metal Screws
(Std.)

• Optional Sex Nuts or Security
Torx Screws Available

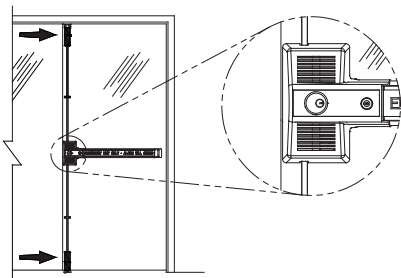
Riser Diagram



Single -
2-point lock

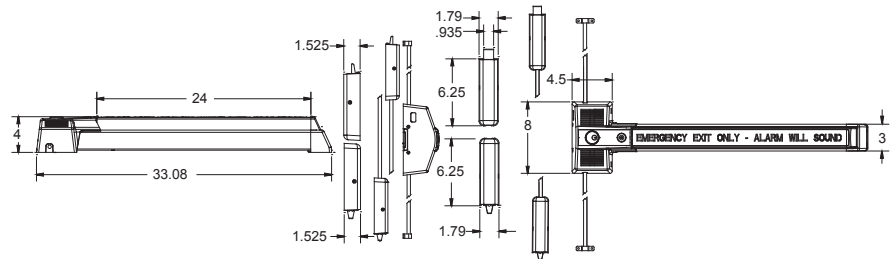


Pair of Doors - (2)
2-point locks



2-point lock

Dimensions



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

Where Trust is Built™

DETEx®

Life Safety and Security Door Hardware

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

Where Trust is Built™

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
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- SN1 - Sex Nut Kit
- CL - Cover Lock (Standard on TB configuration)

- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- 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.

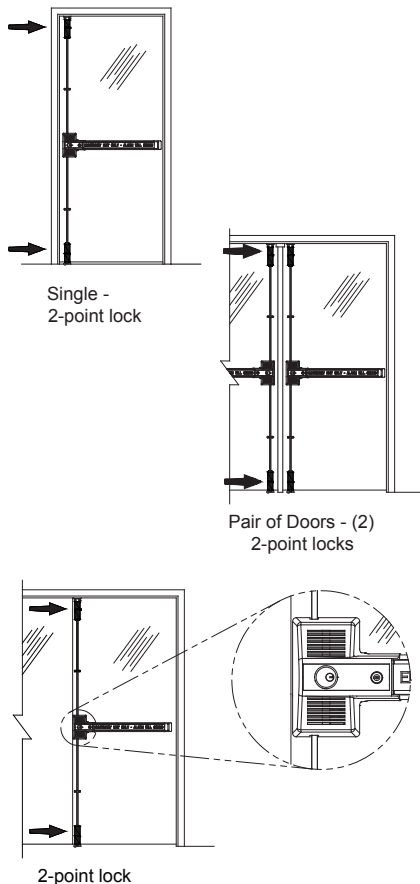
Technical Information

- 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

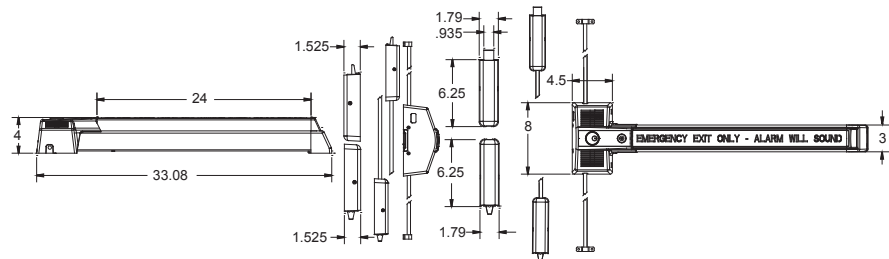
- Double Door requirements:
(1) ECL-230X-W-TB
(1) RC65
(1) DDSK
or
(2) ECL-230X-W-TB
(2) RC65
(1) 90KR

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

Riser Diagram



Dimensions



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 Marshall -
4140-0127:102

Meets International Building Code

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

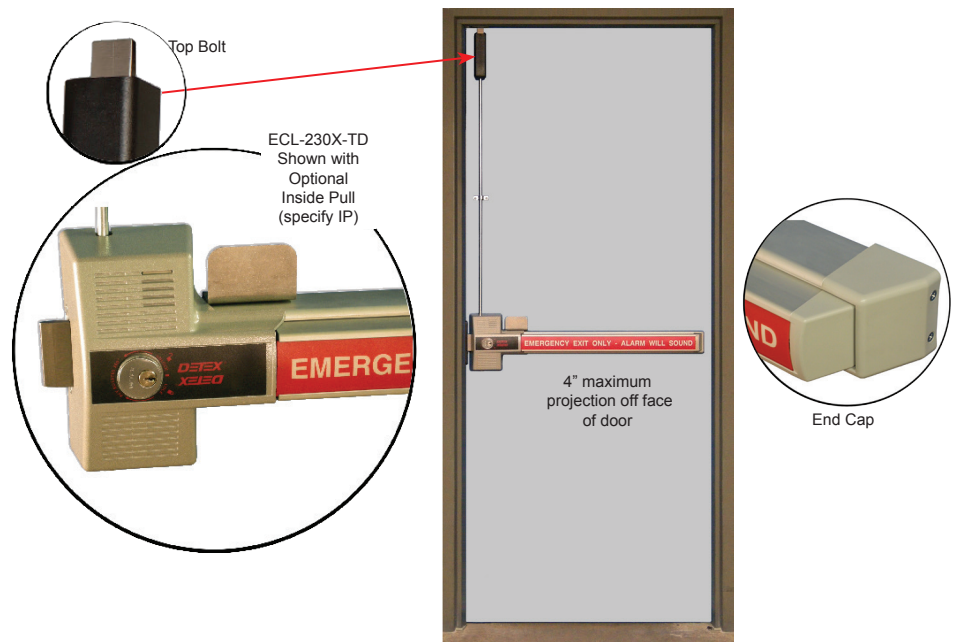
Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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
- 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)
- 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

• 96B - Dust Proof Strike

• DDSK - Double Door Strike Kit

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

• SN1 - Sex Nut Kit

• CL - Cover Lock (Standard on TB
configuration)

• SS - Security Screws

• CL-SS - Cover Lock & Security
Screws

• 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)

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

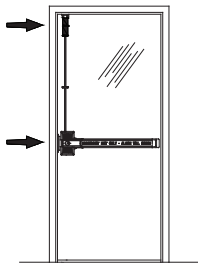
(2) RC65

(1) 90KR

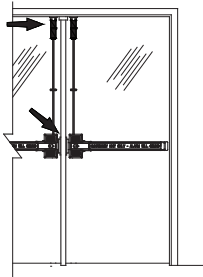
• Machine and Sheet Metal Screws
(Std.)

• Optional Sex Nuts or Security
Torx Screws Available

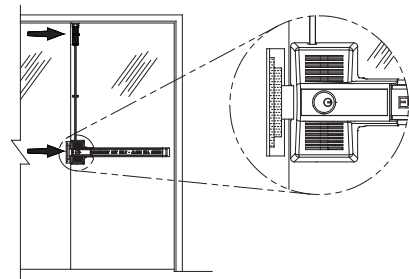
Riser Diagram



Single -
2-point lock

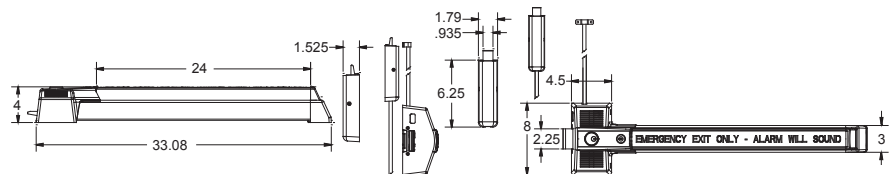


Pair of Doors - (2)
2-point locks



2-point lock and double door
Strike - least secure

Dimensions



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

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

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

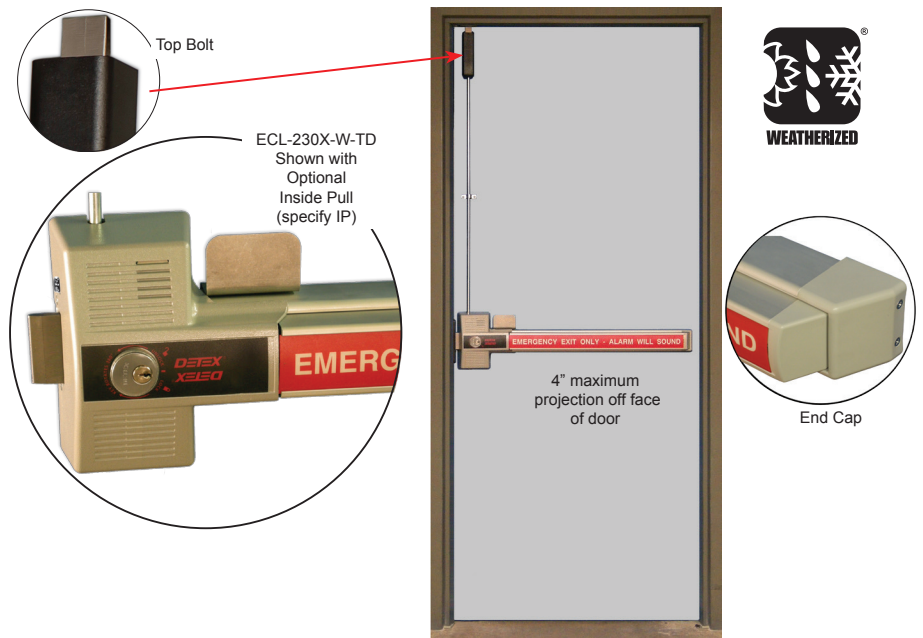
EXIT CONTROL LOCKS

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
- 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)
- 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

• 96B - Dust Proof Strike

• DDSK - Double Door Strike Kit

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

• SN1 - Sex Nut Kit

• CL - Cover Lock (Standard on TB
configuration)

• SS - Security Screws

• CL-SS - Cover Lock & Security
Screws

• 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-TD

(1) RC65

(1) DDSK

or

(2) ECL-230X-W-TD

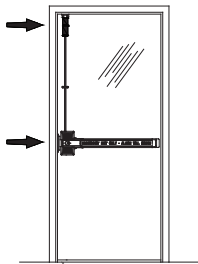
(2) RC65

(1) 90KR

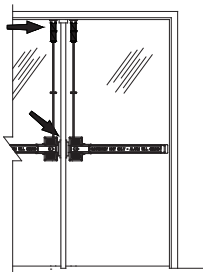
• Machine and Sheet Metal Screws
(Std.)

• Optional Sex Nuts or Security
Torx Screws Available

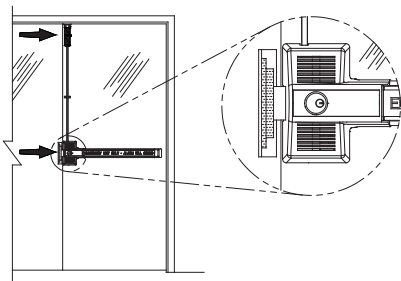
Riser Diagram



Single -
2-point lock

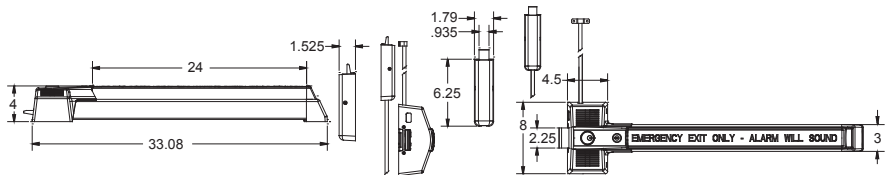


Pair of Doors - (2)
2-point locks



2-point lock and double door
Strike - least secure

Dimensions



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 Marshall -
4140-0127:102

Meets International Building Code

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

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>

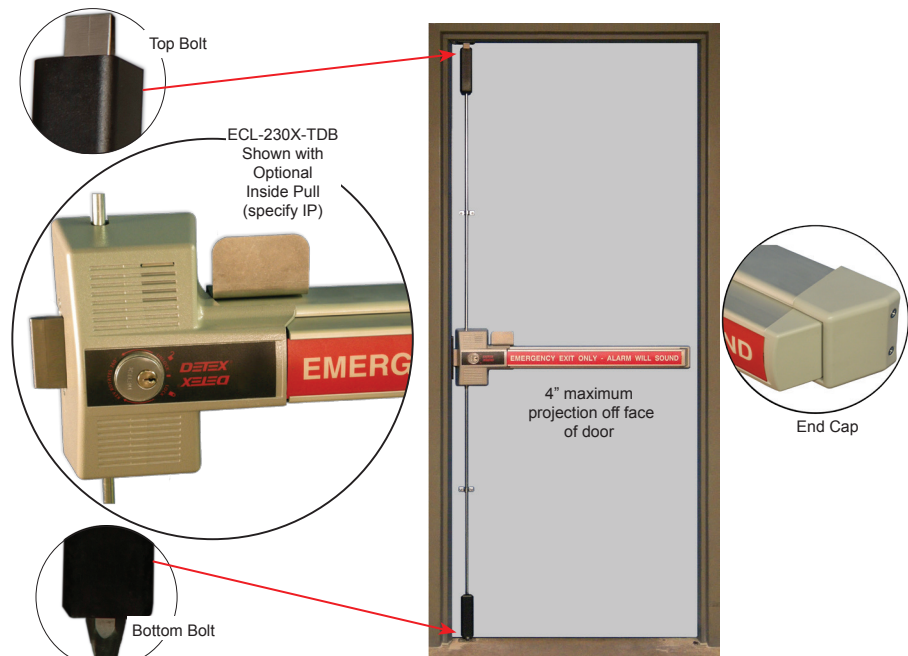
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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
- 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
- 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)
- 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

• 96B - Dust Proof Strike

• DDSK - Double Door Strike Kit

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

• SN1 - Sex Nut Kit

• CL - Cover Lock (Standard on TB
configuration)

• SS - Security Screws

• CL-SS - Cover Lock & Security
Screws

• 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)

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-TDB

(1) RC65

(1) DDSK

or

(2) ECL-230X-TDB

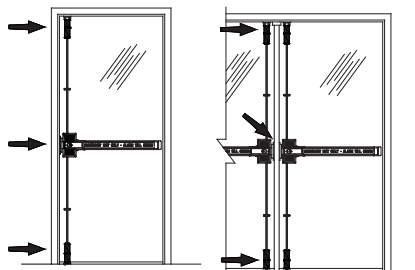
(2) RC65

(1) 90KR

• Machine and Sheet Metal Screws
(Std.)

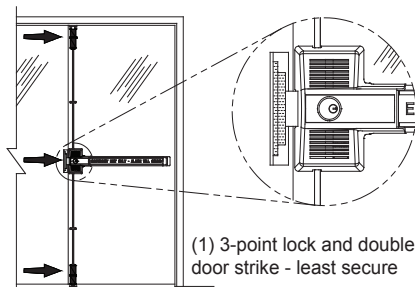
• Optional Sex Nuts or Security
Torx Screws Available

Riser Diagram

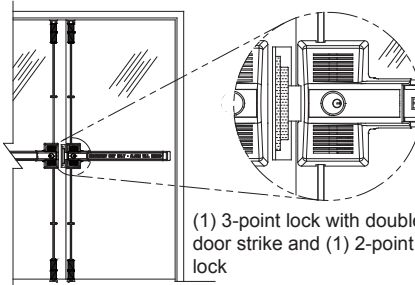


Single -
3-point lock

Pair of Doors - (2)
3-point locks

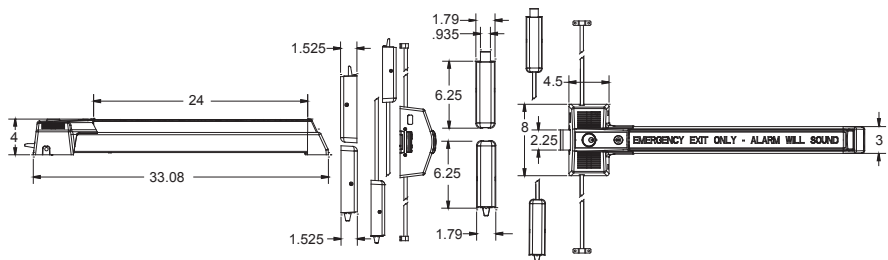


(1) 3-point lock and double
door strike - least secure



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

Dimensions



Listings and Approvals



UL 305 Listed
Panic Hardware

UL 1034-34 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 13-0617.22 EXP 11/28/18

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

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

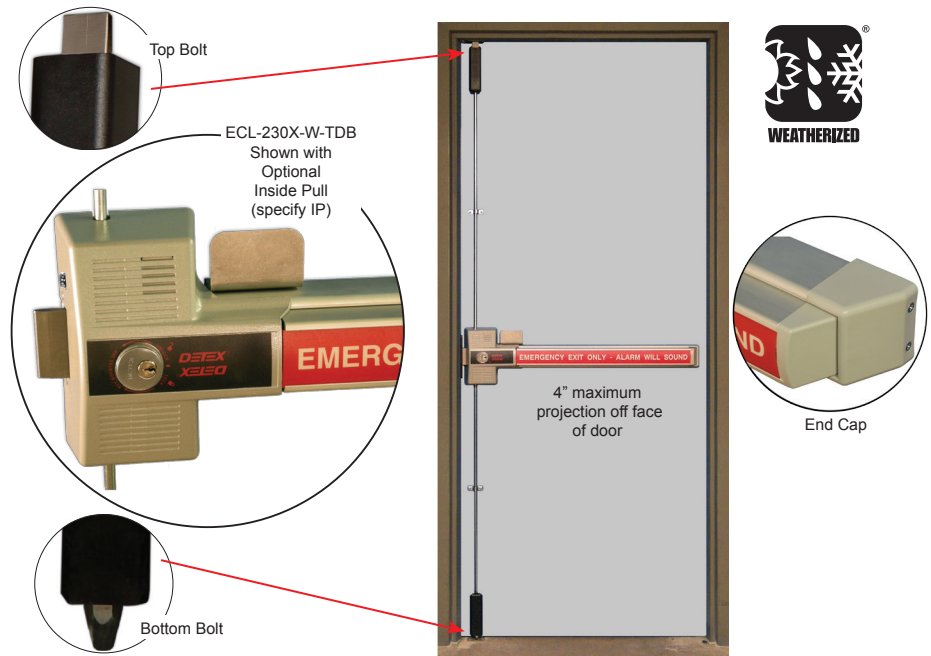
EXIT CONTROL LOCKS

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
- 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)
- 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
- 96B - Dust Proof Strike
- DDSK - Double Door Strike Kit
- 96B-DDS - Dust Proof Strike & Double Door Strike
- SN1 - Sex Nut Kit
- CL - Cover Lock (Standard on TB configuration)

- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- 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.

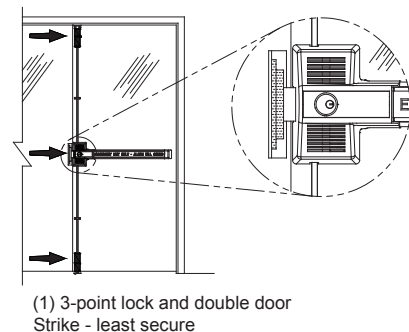
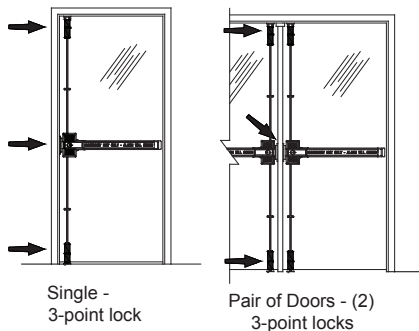
Technical Information

- 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

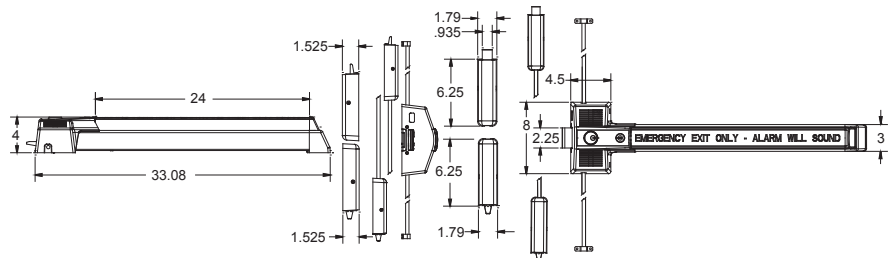
- Double Door requirements:
(1) ECL-230X-W-TDB
(1) RC65
(1) DDSK
or
(2) ECL-230X-W-TDB
(2) RC65
(1) 90KR

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

Riser Diagram



Dimensions



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 13-0617.22 EXP 11/28/18

Detex Limited Warranty

10 Year Limited Manufacturer's
Warranty

Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

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

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.



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.)
- Black Finish (BK)
- 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
- F90KR - Keyed Removable Mullion for pairs of doors. Each leaf will operate independently.
- BE-961 - Hard wired Conversion Kit, eliminates battery
- ECL-435K Adjustable Surface Keeper Bracket for some double door applications
- ECL-620 - Outside Lever Trim (rim cylinder sold separately)

ECL-620 Lever Trim

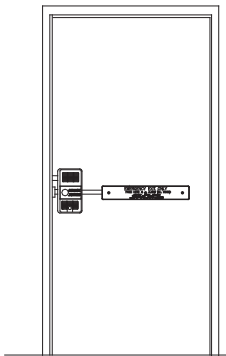
Designed specifically to operate with the ECL-600 Fire-Rated Exit Control Lock, the ECL-620 is a heavy-duty lever trim that allows entry from the outside. The keyed cylinder retracts the dead bolt and the lever operates the latch bolt.

- 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)

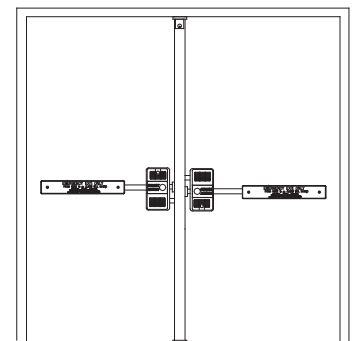
Technical Information

- 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

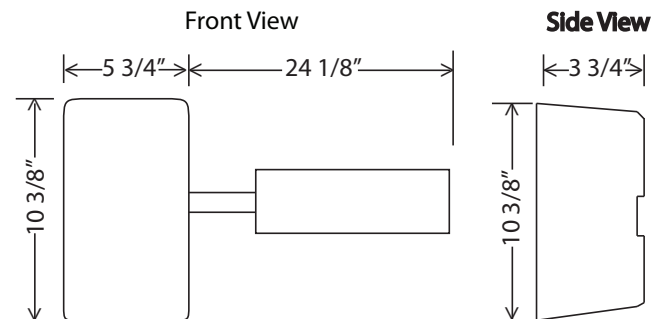


Single Door



Double Doors
with
Key Removable
Mullion

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 Marshall -
4140-0127:102

Detex Limited Warranty
10 Year Limited Manufacturer's
Warranty

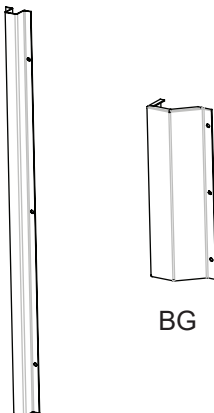
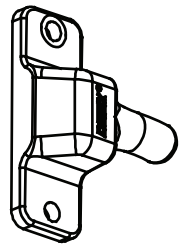
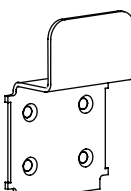
Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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.

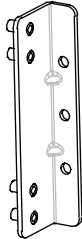
	<u>Item Number</u>	<u>Description and Use</u>
 RC BG	RC (105771-X)	<u>Rod Covers</u> Protects rods in high use, high abuse applications. Used with ECL-230X-TB, TD & TDB.
	BG (103562)	<u>Bottom Bolt Guard</u> Protects bottom bolt in high use, high abuse applications. Used with ECL-230X-TB & TDB.
	RC-BG (105771-X)	<u>Rod Covers & Bottom Bolt Guard</u> Protects rods & bottom bolt in high use, high abuse applications. Used with ECL-230X-TB & TDB.
<hr/>		
 DX1 shown	DX1	<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.
	DX2	<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.
	DX3	<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.
<hr/>		
	IP	<u>Inside Pull</u> Provides grip handle on inside of door, assists in pulling door closed and locking door

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES

Item Number

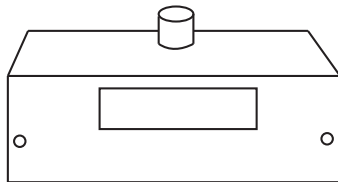
Description and Use



DDSK

Double Door Strike Bracket Kit

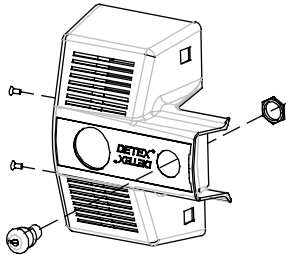
Mounts on inactive leaf. Typically used in conjunction with flush bolts or similar products in double door applications.



DDH-2250

Double Door Holder

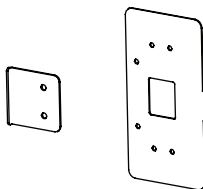
Mounts on inactive leaf. Typically used on pairs of doors. Locks inactive leaf, when active leaf closes, operates similar to automatic flush bolts.



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



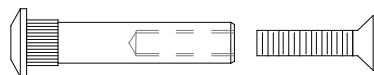
102638

Rim Cylinder Plate

03 function cylinder trim plate used on gates

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES



SN1

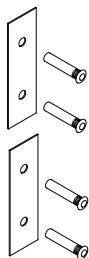
Item Number

SN1
(101616-X)

Description and Use

Sex Nuts

Recommended for high use, high abuse applications

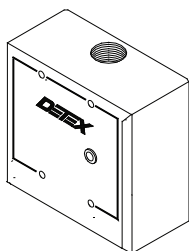


TMP1

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

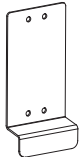
EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230X SERIES

Description and Use



01T



01PP

Trim Plate (01T)

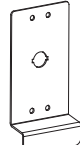
Does not include outside key control. Typically used to cover exterior holes on pull side of door. Sex nuts included.

Trim Pull Plate (01PP)

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



03T



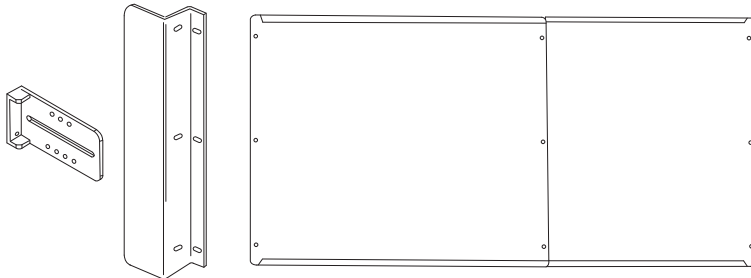
03PP

Trim Pull Plate (03T)

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

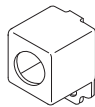
Trim Pull Plate (03PP)

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)

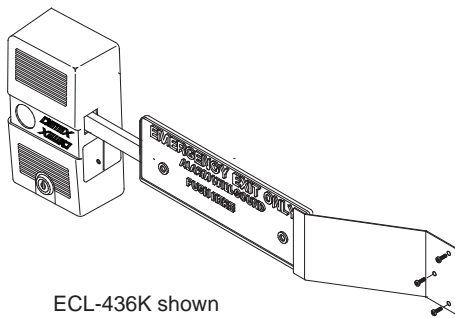
Where Trust is Built™
DETEx®
Life Safety, Security and Security Assurance

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

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.



Item Number

Description and Use

ECL-436K

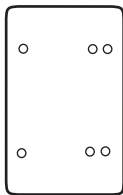
Panic Bar Plate Guard Kit

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

ECL-2100K

Panic Bar Plate Guard Kit

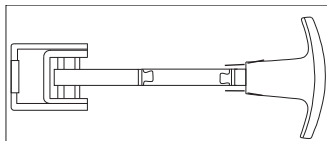
Protects against clothing being caught on exit bar plate. Used with ECL-230D-PH and ECL-600 (Required)



ECL-475K

Decorative Back Plate Kit

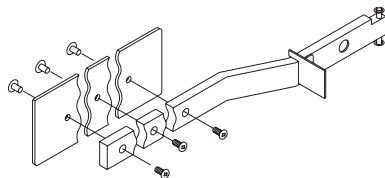
5 19/32" W x 10 3/16" H x .045" thick. To improve the appearance of the back of an Exit Control Lock visible through glass on a narrow stile glass door.



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.



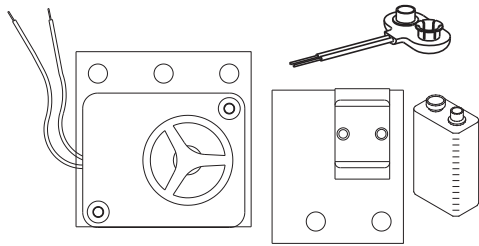
ECL-2105K

Paddle Bar Kit (Retrofit)

Bar extension kit for 3.0' to 4.0' doors

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230D SERIES and ECL-600



ECL-2111K

Siren/Battery Conversion Kit

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

**Optional Captions for Exit Bar
Plates**

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



ECL-8220

Item Number

Description

ECL-8220
ECL-8220-1

English Exit Bar Plate
Red (Standard)
Green

ECL-8225-4
ECL-8225-8

Spanish Exit Bar Plate
Green
Red

ECL-8225-6

Chinese/English Exit Bar Plate
(Red)

ECL-8225-7

French Canadian Exit Bar Plate
(Red)

ECL-8225-2

French Exit Bar Plate (Green)

ECL-8225-3

German Exit Bar Plate (Green)

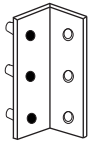
ECL-2109

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

EXIT CONTROL LOCKS CONT'D

ACCESSORIES for ECL-230D SERIES and ECL-600

Single Door Mechanical Strikes for Inswinging and Outswinging Installations



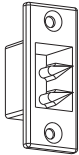
Item Number

ECL-435K

Description and Use

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

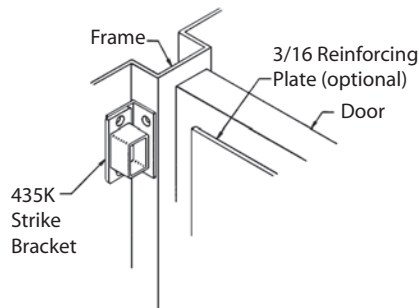
Adjustable strike, surface

For use on outswinging doors

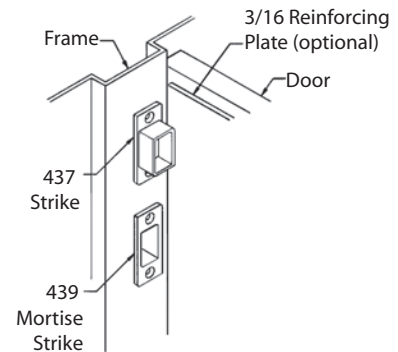
INSWINGING DOORS - LH, RH
ECL-435K adjustable strike bracket, surface

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

FOR INSWINGING INSTALLATIONS
and
DOUBLE DOOR APPLICATIONS
without a MULLION



FOR OUTSWINGING
INSTALLATIONS



* 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.

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

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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

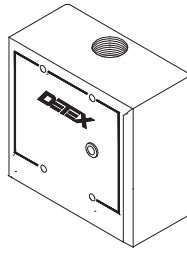
- Available Battery Eliminator Power Supplies:
 - BE-961-1** = 120VAC transformer to 12VAC, 12VAC to 9VDC circuit board
Note: Powers up to three 9V battery devices
 - BE-961-2** = 120VAC transformer to 12VAC, 12VAC to 9VDC circuit board includes secure power/supervisory loop (cutting 9V power will sound 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)

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

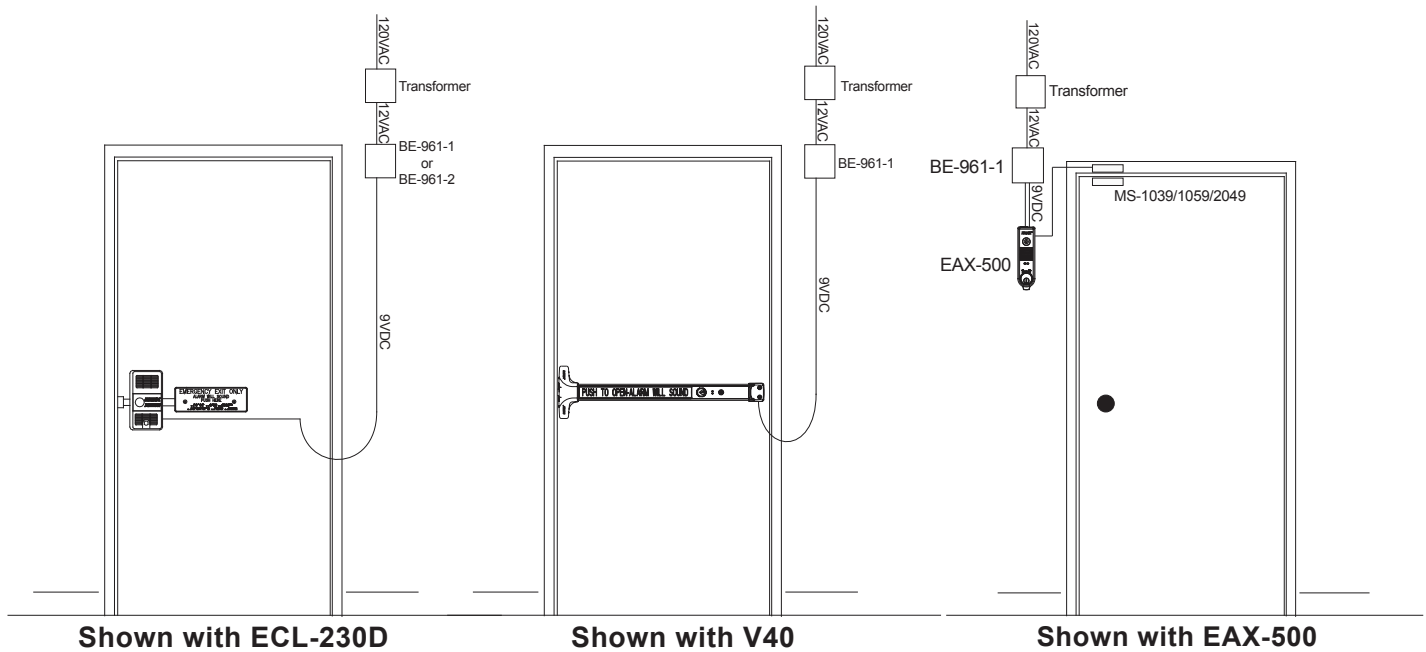
- 4-5/8" wide x 4-5/8" long x 2" deep
- Standard cast aluminum case



Detex Limited Warranty

3 Year Limited Manufacturer's Warranty

Riser Diagram



Where Trust is Built™

DETEx®

Life Safety and Security Door Hardware

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

PH. (830) 629-2900

(800) 729-3839

FAX (830) 620-6711

(800) 653-3839

<http://www.detex.com>

USA Sales:

marketing@detex.com

International Sales:

export@detex.com

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

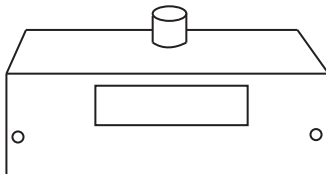
- Enables the Detex Exit Control Locks to be used with any wood, metal or glass double outswinging exit door
- Flexibility for mounting on either the left or right door
- Simple, easy operation - no mortise required
- Pushing the exit control lock opens the active leaf and automatically disengages the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



Detex Limited Warranty

3 Year Limited Manufacturers Warranty

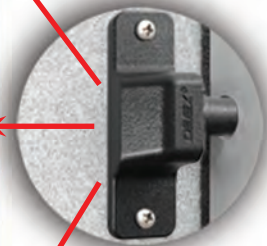
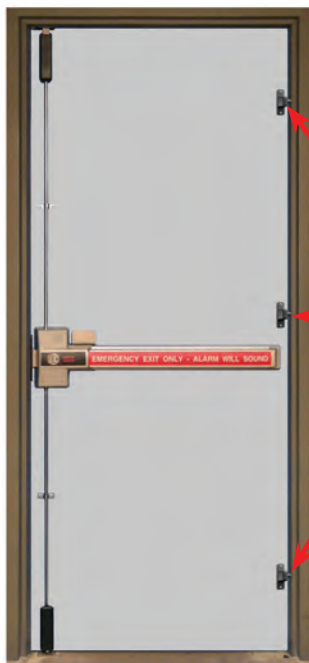
Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

• 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.)
---	---	--

- Available in Steel Gray (GRY) - standard Steel
- Available in Painted Black (BLK)

Listings and Approvals



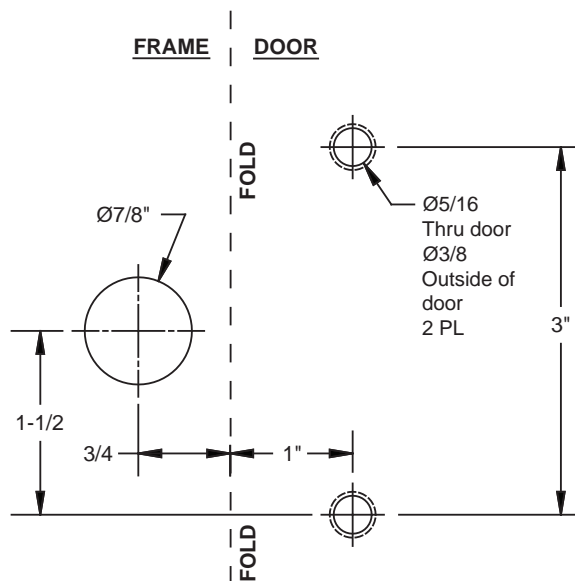
Technical drawing of a 1/2 inch NPT female adapter. The drawing includes a side view on the left showing the internal thread and a top view on the right showing the hexagonal base and mounting holes. Dimensions are provided in inches.

Side View Dimensions:

- Thread: 1/2" NPT
- Internal Thread Depth: 1.06
- Thread Start to End: .25
- Thread End to End: .3

Top View Dimensions:

- Hexagonal Base Width: 1.31
- Mounting Hole Diameter: 1.25
- Distance between mounting holes: 3.00
- Total height of the adapter: 3.625



Where Trust is Built™
DETEx®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com

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

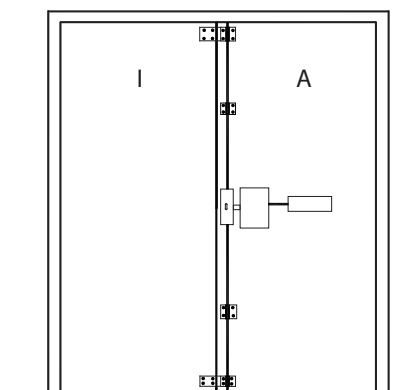


Riser Diagram

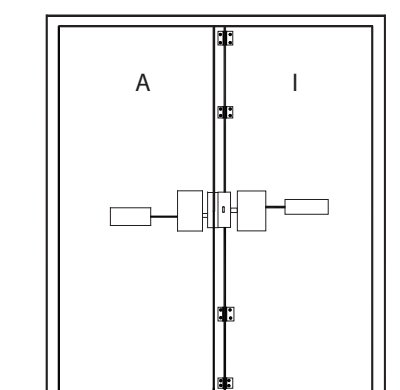
I = Inactive Leaf A = Active Leaf

A = Active Leaf I = Inactive Leaf

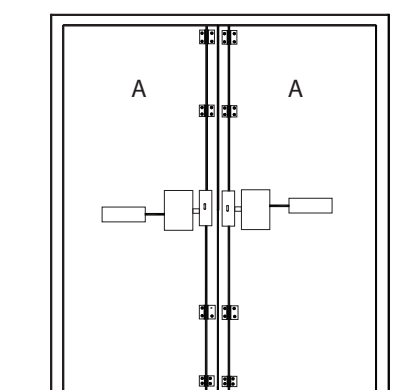
A = Active Leaf



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"

Detex Limited Warranty

3 Year Limited Manufacturers
Warranty

Where Trust is Built™
DETEX®
Life Safety and Security Door Hardware

Detex Corporation
302 Detex Drive
New Braunfels, Texas 78130-3045 USA
PH. (830) 629-2900
(800) 729-3839
FAX (830) 620-6711
(800) 653-3839
<http://www.detex.com>
USA Sales:
marketing@detex.com
International Sales:
export@detex.com