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
- 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
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders
- 100 decibel alarm, powered by 9-volt battery (included)
- 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)
- Fire-Rated Option see ECL-600
- For Panic Hardware on 36" doors see ECL-230D-PH
- 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)
- 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) ECL-435K
  - (1) DDH-2250
  - (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

Dimensions

- 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)

Listings and Approvals

- UL Listed Panic Hardware 988N-Grade 3
- 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

Detex Limited Warranty

10 Year Limited Manufacturers Warranty

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

#### 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)

#### 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

#### CYLINDER (TB, TD, TDB ONLY)
- **IC7R** = Rim Cylinder(s) SFIC housing
- **IK7R** = Rim Cylinder(s) InstaKey housing
- **RC65** = Rim Cylinder(s) 6 pin/Keyed 5

#### 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

#### 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

#### 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

#### ACCESSORIES
- *For no accessories, leave blank*
  - **SN1** = Sex Nut Kit

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

#### ECL-230D RETROFIT KIT
- *If retrofit not required, leave blank*
  - **RK** = ECL-230D RetroFit Kit
    - (End-cap plate and lock-body plate)

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

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Detex products can expose you to chemicals including Chromium (hexavalent compounds) and Lead, which are known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, go to www.detex.com/prop65

**September 5, 2018**
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 photoluminescent 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
- Easy to see if the lights go out
- 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
- Reduces employee and customer theft
- 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
- H - Hurricane Rated
- DDSK - Double Door Strike Kit
- BE-961 - Hardwired Conversion Kit, eliminates battery (sold separately)
- IP - Inside Pull
- SN1 - Sex Nut Kit
- English Push Plate Sign (Std.)
- RWS - Spanish Sign
Other Languages available (call factory)
- CL - Cover Lock
- SS - Security Screws
- CL-SS - Cover Lock & Security Screws
- 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
- 30 - Fits 30” wide door
- 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
- 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
  (1) RC65
  (1) DDSK
  (1) DDH-2250
  or
  (2) ECL-230X
  (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-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)

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/lcomepanpeo

**Dimensions**

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

![Dimensions Diagram](image)

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

![Dimensions Diagram](image)

**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
- 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
- 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-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
- 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
- RC65 - Rim Cylinder, Schlage "C" Keyway with 2 keys installed in Lock & or Trim
- IP - Inside Pull
- DSDK - 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) DDSK
  - (1) 90KR
  - (2) ECL-230X-W
  - (1) RC65

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

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

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

Single door Single point lock
Pair of Doors - (2)
Single point lock and double door Strike - least secure

Detex Limited Warranty
10 Year Limited Manufacturer’s Warranty

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

September 11, 2018
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 photoluminescent 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
- 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

- **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
- **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
  2. RC65
  3. DDSK
  or
  1. ECL-230X-TB
  2. RC65
  3. 90KR

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

- Single - 2-point lock
- Pair of Doors - (2) 2-point locks
- 2-point lock

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

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**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
- 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

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**Where Trust is Built™**

Life Safety, Security and Security Assurance
Mechanical Options Continued

- 03T - Trim Plate
- 03PP - Pull Plate
Rim cylinder required for 03 Trims (sold separately)
- 01T - Trim Plate
- 01PP - Pull Plate

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

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

Single - 2-point lock
Pair of Doors - (2) 2-point locks
2-point lock

Detex Limited Warranty
10 Year Limited Manufacturer’s Warranty

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

September 11, 2018
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.)
- 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

**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

**Riser Diagram**

- Single - 2-point lock
- Pair of Doors - (2) 2-point locks
- 2-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

**Listings and Approvals**

- UL Listed
- Panic Hardware 688N-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

- **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)

- **Double Door requirements:**
  1. ECL-230X-TD
  2. RC65
  3. DDSK
  4. ECL-230X-TD
  5. RC65
  6. 90KR

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

- **Dimensions**

- **Single - 2-point lock**

- **Pair of Doors - (2) 2-point locks**

- **2-point lock and double door strike - least secure**

- **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 688N-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

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

September 11, 2018
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

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

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

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
- DSDK - 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
- 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

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.)
- Optional Sex Nuts or Security Torx Screws Available

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

Other Languages available (call factory)

Where Trust is Built™
Life Safety, Security and Security Assurance
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)

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/lcoppanpeo

Riser Diagram

Dimensions

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

Special 30” device includes 18” pushpad with overall length of 27.08” (for use on special doors)

Listings and Approvals

- UL 305 Listed
- 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

Detex Limited Warranty

10 Year Limited Manufacturer’s Warranty

Where Trust is Built™

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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.)
- 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

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

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
- UL 1034-34 Temperature Section 34 [Temperature Range -31° F (-35° C) to 150° F (+66° C)]
- UL 1034-54 Dust Section 54
- ANSI/BHMA A156.3 Grade 2 requirements for all Building Codes
- California State Fire Marshall
- Meets International Building Code
- Hurricane Listed (H)
- Miami-Dade County, Florida NOA 15-0603.15 EXP 11/28/18

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International Sales:
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September 11, 2018

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.

<table>
<thead>
<tr>
<th>Benefits</th>
<th>Features</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Attack resistant design withstands over 2200 lbs. of outside pull force</td>
<td>• 1&quot; throw dead bolt and 3/4&quot; dead locking latch bolt</td>
<td>• ECL-2100K - Bar Guard Kit - to protect end of bar, when required by code</td>
</tr>
<tr>
<td>• Proven durability, reliability and long service life at a reasonable price</td>
<td>• Relatching for additional security</td>
<td>• ECL-445K - Rim Cylinder, 5-pin with two keys</td>
</tr>
<tr>
<td></td>
<td>• Saw resistant dead bolt</td>
<td>• ECL-1595 - Cylinder Collar required for 6 or 7 pin cylinders</td>
</tr>
<tr>
<td></td>
<td>• Corrosion resistant alloy lock-body</td>
<td>• BE-961 - Hard wired Conversion Kit, eliminates battery</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• F90KR - Keyed Removable Mullion for pairs of doors. Each leaf will operate independently.</td>
</tr>
<tr>
<td></td>
<td>• 100 decibel alarm, powered by 9-volt battery (included)</td>
<td>• ECL-435K Adjustable Surface Keeper Bracket for some double door applications</td>
</tr>
<tr>
<td></td>
<td>• Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders</td>
<td>• ECL-620 - Outside Lever Trim (rim cylinder sold separately)</td>
</tr>
<tr>
<td></td>
<td>• Durable steel plate with photo luminescent sign</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Non-handed</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Locking and unlocking the dead bolt always arms and disarms the alarm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Resetting the alarm can only be accomplished with a control key</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Easy to see if the lights go out</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Easy to Install</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Time tested construction resists attack from the inside</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Straightforward operation that everyone understands</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Reduces employee and customer theft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• English Push Plate Sign (Std.)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Other Languages available (call factory for details)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• For Panic Hardware see ECL-230D or ECL-230D-PH</td>
<td></td>
</tr>
</tbody>
</table>

### 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
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

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

Dimensions

- Single Door
- Double Doors with Key Removable Mullion

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

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

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>RC</td>
<td>Rod Covers</td>
</tr>
<tr>
<td>(105771-X)</td>
<td>Protects rods in high use, high abuse applications. Used with ECL-230X-TB, TD &amp; TDB.</td>
</tr>
<tr>
<td>BG</td>
<td>Bottom Bolt Guard</td>
</tr>
<tr>
<td>(103562)</td>
<td>Protects bottom bolt in high use, high abuse applications. Used with ECL-230X-TB &amp; TDB.</td>
</tr>
<tr>
<td>RC-BG</td>
<td>Rod Covers &amp; Bottom Bolt Guard</td>
</tr>
<tr>
<td>(105771-X)</td>
<td>Protects rods &amp; bottom bolt in high use, high abuse applications. Used with ECL-230X-TB &amp; TDB.</td>
</tr>
<tr>
<td>IP</td>
<td>Inside Pull</td>
</tr>
<tr>
<td></td>
<td>Provides grip handle on inside of door, assists in pulling door closed and locking door</td>
</tr>
<tr>
<td>DX1</td>
<td>One hinge side lock</td>
</tr>
<tr>
<td></td>
<td>One hinge side locking point, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</td>
</tr>
<tr>
<td>DX2</td>
<td>Two hinge side locks</td>
</tr>
<tr>
<td></td>
<td>Two hinge side locking points, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</td>
</tr>
<tr>
<td>DX3</td>
<td>Three hinge side locks</td>
</tr>
<tr>
<td></td>
<td>Three hinge side locking points, keeps door secure even if hinge knuckles are removed. Used when higher level of security is required.</td>
</tr>
</tbody>
</table>
### EXIT CONTROL LOCKS CONT'D

**ACCESSORIES for ECL-230X SERIES**

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>DDSK</td>
<td><strong>Double Door Strike Bracket Kit</strong>&lt;br&gt;Mounts on inactive leaf. Typically used in conjunction with flush bolts or similar products in double door applications.</td>
</tr>
<tr>
<td>DDH-2250</td>
<td><strong>Double Door Holder</strong>&lt;br&gt;Mounts on inactive leaf. Typically used on pairs of doors. Locks inactive leaf, when active leaf closes, operates similar to automatic flush bolts.</td>
</tr>
<tr>
<td>105059-X</td>
<td><strong>Cover Lock Kit</strong>&lt;br&gt;Provides additional protection for battery protection. Requires main operational key and cover lock key to perform maintenance, change battery.</td>
</tr>
<tr>
<td>RK</td>
<td><strong>ECL-230 Retrofit Plate Kit</strong>&lt;br&gt;Useful when removing an ECL-230D and installing an ECL-230X</td>
</tr>
<tr>
<td>102638</td>
<td><strong>Rim Cylinder Plate</strong>&lt;br&gt;03 function cylinder trim plate used on gates</td>
</tr>
</tbody>
</table>
### EXIT CONTROL LOCKS CONT'D

#### ACCESSORIES for ECL-230X SERIES

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN1 (101616-X)</td>
<td><strong>Sex Nuts</strong>&lt;br&gt;Recommended for high use, high abuse applications</td>
</tr>
<tr>
<td>TMP1</td>
<td><strong>Through Bolt Mounting Plate Kit</strong>&lt;br&gt;Recommended for high use, high abuse applications. Kit is standard with two plates and four 1/4-20 sex bolts.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>BE-961-1</td>
<td><strong>Battery Eliminator</strong>&lt;br&gt;120VAC to 9VDC - includes 10’ flex conduit (includes 120VAC to 12VAC transformer)</td>
</tr>
<tr>
<td>BE-961-2</td>
<td><strong>Battery Eliminator</strong>&lt;br&gt;120VAC to 9VDC - includes 10’ flex conduit with supervisory loop power, alarm and LED (includes 120VAC to 12VAC transformer)</td>
</tr>
<tr>
<td>BE-961-5</td>
<td><strong>Battery Eliminator</strong>&lt;br&gt;12VAC to 9VDC - does not include transformer or flex conduit</td>
</tr>
<tr>
<td>BE-961-6</td>
<td><strong>Battery Eliminator</strong>&lt;br&gt;24VAC to 9VDC - does not include transformer or flex conduit</td>
</tr>
</tbody>
</table>

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**BE-961-1 shown**

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**Where Trust Is Built**

**Life Safety and Security Door Hardware**
**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.

**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.

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**Cylinder Trim (03GS)**
Optional 03 function cylinder trim used on gates (Rim cylinder sold separately)
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.

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
</table>
| 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 |

Where Trust is Built™  
Life Safety, Security and Security Assurance
EXIT CONTROL LOCKS CONT’D
ACCESSORIES for ECL-230D SERIES and ECL-600
Single Door Mechanical Strikes for Inswinging and Outswinging Installations

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description and Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECL-435K</td>
<td>Adjustable strike bracket, surface</td>
</tr>
<tr>
<td></td>
<td>For use on left hand, right hand in-swinging doors or double doors with one door stationary using flush bolts or DDH-2250</td>
</tr>
<tr>
<td>ECL-439K</td>
<td>Mortise strike</td>
</tr>
<tr>
<td></td>
<td>For use on outswinging doors</td>
</tr>
<tr>
<td>ECL-437K</td>
<td>Adjustable strike, surface</td>
</tr>
<tr>
<td></td>
<td>For use on outswinging doors</td>
</tr>
</tbody>
</table>

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

All bracket-mounted strikes include unique adjustable feature for proper installation alignment. All strikes supplied with wood and sheet metal mounting screws.
**Optional Captions for Exit Bar Plates**

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

<table>
<thead>
<tr>
<th>Item Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECL-8220</td>
<td>English Exit Bar Plate</td>
</tr>
<tr>
<td>ECL-8220-1</td>
<td>Red (Standard)</td>
</tr>
<tr>
<td>ECL-8220-8</td>
<td>Green</td>
</tr>
<tr>
<td>ECL-8220-6</td>
<td>Spanish Exit Bar Plate</td>
</tr>
<tr>
<td>ECL-8220-7</td>
<td>Red</td>
</tr>
<tr>
<td>ECL-8220-9</td>
<td>Chinese/English Exit Bar Plate (Red)</td>
</tr>
<tr>
<td>ECL-8220-10</td>
<td>Chinese Exit Bar Plate (Red)</td>
</tr>
<tr>
<td>ECL-2109</td>
<td>French Canadian Exit Bar Plate (Red)</td>
</tr>
<tr>
<td>ECL-8220</td>
<td>English Exit Bar Plate for Long Bar - ECL-230D-PH (Red)</td>
</tr>
</tbody>
</table>

**ECL-405**

(DTOXX is stamped on the key)

XX = Key # 11-20

**Cover Lock Key**
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.

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
- GTPL does not come with exit device mounting holes
- GTPL230X does not come with mounting or lockbox holes

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
- Accomodates 99 strike for Advantex 10/40 Series and V40 Series
- Contact Detex for strike bracket for use with ECL-230X-W

The kit includes:

GTPLKIT

Push Side

ECL-230X-W shown
Value Series V40xEBxW shown
Advantex 10xW Series shown
**Spacer for Narrow Lever Trim**
- 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

**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

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

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

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
  - 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)
  - BE-961-5 = Converts 12VAC to 9VDC
  - BE-961-6 = Converts 24VAC to 9VDC
  - Note: Powers up to three 9V battery devices
  - 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-961-2 is not for use with EAX and V40 product lines
- Current Output Capacity - .5 Amp
- Line input transient suppression is a standard feature

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

Shown with ECL-230D

Shown with V40

Shown with EAX-500

Shown with ECL-230X-W

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

September 12, 2018
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

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

September 12, 2018
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.

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
- Add DX bolts to any Detex multipoint 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

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

Detex Limited Warranty
10 Year Limited Manufacturers Warranty
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

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

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