

EXIT CONTROL HARDWARE MULLIONS



EXIT CONTROL HARDWARE

Code-compliant, battery alarmed, rugged panic hardware with deadbolt provides managed security for secondary exits. Ideal for use with emergency exit doors in restaurants, retail shops, department stores, grocery stores, discount stores, stock rooms, warehouse factories, airports, hotels, office buildings, municipal buildings and government facilities.

ECL-230D

BENEFITS:

- Deters unauthorized exit
- Reduces employee and customer theft
- Proven durability, reliability and long service life
- 5 year limited warranty
- Best in class attack resistance from the outside
- Withstands 2200 lbs. static load (outside pull force)
- Time-tested construction resists attack from the inside
- U.L. listed & exceeds life safety. ADA, CA Title 19, requirements for all building codes



PRODUCT FEATURES:

- Approximately 100 dB alarm
- 1" throw, saw-resistant bolt
- Corrosion-resistant alloy lock body
- Non-handed
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders for inside and outside key control
- For pairs of doors add 90KR Keyed Removable Mullion
- Powered by one standard 9 volt battery
- Rugged housing with key lock
- Bright push pad signage
- May be used on narrow doors

OPERATION:

- When armed, pressing the exit bar retracts the deadbolt and sounds the alarm to allow exit. An authorized key simultaneously projects the bolt, secures the door and resets the alarm
- Use of control key permits unlocking the door without sounding the alarm

MULLIONS

A durable, low cost keyed removable mullion designed for use on standard and fire rated pairs of doors in schools, universities, hospitals, factories, warehouses or anywhere occasional use of full width of double door opening is required.

90KR 7-8' 90KR 10' F90KR (Fire-Rated)

BENEFITS:

- Easy installation, no drilling of the tube
- Snaps back into place without use of key
- Removes easily with one turn of key - no screws to remove
- Provides a solid mounting for panic device strikes
- Removes in seconds, reinstalls in seconds

PRODUCT FEATURES:

- 11 gauge steel for strength and durability
- Relatching
- WHI labeled for use with other manufacturer's fire exit hardware (Call for non-Detex product applications)
- Operates by one standard rim cylinder (not provided)
- Listed for 3-hour fire rated pairs of doors up to 8'0" x 8'0"

OPERATION:

- Once doors are open, the mullion is released by key. A standard rim cylinder is required (sold separately)
- Returning the mullion to its installed position does not require a key



Smallwood Lock Supply

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..... **EXIT CONTROL HARDWARE**

Code-compliant, battery alarmed, rugged panic hardware with deadbolt and relatching latch bolt provides managed security for secondary exits. Ideal for use with emergency exit doors and fire rated doors in shopping malls, stairwells, retail shops, department stores, grocery stores, discount stores, stock rooms, warehouse factories, airports, hotels, office buildings, municipal buildings and government facilities.

ECL-600

BENEFITS:

- Deters unauthorized exit
- Reduces employee and customer theft
- Proven durability, reliability and long service life
- Reasonably priced
- Best in class attack resistance from the outside
- Withstands 2200 lbs. static load (outside pull force)
- Time-tested construction resists attack from the inside
- Automatic relatching for added security and fire rating
- 5 year limited warranty
- Warnock, Hersey Labeled fire exit hardware exceeds life safety, ADA, CA Title 19, ANSI/BHMA requirements for all building codes



PRODUCT FEATURES:

- Approximately 100 dB alarm
- 1" throw deadbolt
- Rugged housing with key lock
- Bright push pad signage
- May be used on 36" - 48" wide doors
- Accepts 5-pin through 7-pin standard and interchangeable core rim cylinders for inside and outside key control
- For pairs of doors add F90KR Keyed Removable Mullion
- Powered by one standard 9 volt battery
- Deadlocking latch bolt
- Corrosion-resistant alloy lock body
- Non-handed
- Warnock Hersey labeled 3 hour fire rating

OPERATION:

- Deadbolt and deadlocking latch bolt retract simultaneously when the paddle bar is pushed to exit. A high-decibel piezo horn sounds to warn personnel that an unauthorized exit is occurring to deter customer and employee theft
- To reset the alarm, an authorized key projects the bolt, secures the door and resets the alarm
- Use of control key permits unlocking the door without sounding the alarm
- If re-entry from the outside is a requirement, simply add the ECL-620 Outside Lever Trim to your order

..... **OUTSIDE TRIM**

Designed specifically to operate with the ECL-600. The heavy duty lever trim allows entry from the outside. The keyed cylinder retracts the deadbolt and the lever operates the latchbolt

ECL-620

- Black finish
- Recessed cylinder for vandal resistance
- Key operates deadbolt



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VALUE SERIES

Code-compliant, alarmed, durable, attractive and easy to install fire and panic hardware with relatching bolt provides enhanced security for primary and secondary exits.

Ideal for loss prevention protection on emergency exit doors in restaurants, retail shops, department stores, grocery stores, discount stores, convenience stores, airports, hotels, theaters, office buildings, municipal buildings and government facilities.

V40

BENEFITS:

- Best value for durable attractive loss prevention
- Reduces employee theft and shoplifting
- Relatching bolt automatically relocks when door closes
- Low profile
- Cylinder dogging standard
- Controls foot traffic, deters unauthorized exits and meets building code requirements for panic and fire exit hardware
- Patented installation eliminates the need for a paper template, providing precise alignment with the door and frame
- Tamper resistant housing protects electronics, battery and internal hardware, preventing manipulation
- Fast, easy, secure installation prevents costly mistakes and enhances overall security
- Grade 1, U.L. listed fire and panic exit hardware exceeds life safety, ADA, CA Title 19, ANSI/BHMA requirements for all building codes
- 3 year limited warranty, with a 1 year electronics warranty



PRODUCT FEATURES:

- Stainless steel self-latching bolt
- Tamper-resistant housing
- Field selectable manual rearming or auto-rearming
- Approximately 100+ decibel alarm
- Remote bypass capability
- Angled end cap to deflect damage
- Delayed arming feature
- Latch bolt monitoring standard
- Powered by standard 9-Volt battery
- Low battery alert

OPERATION:

- Alarm is armed or disarmed by key. A mortise cylinder with standard cam is required (sold separately)
- Unauthorized users can exit by pushing the exit bar. A 100 dB alarm will sound to alert others

Catalog #	Description	Size
V40 X EB 36", 48"	Battery Powered	36" & 48"
V40F X EB 36", 48"	Battery Powered, 3 Hour Fire Rating	36" & 48"
V40BK X EB 36", 48"	Battery Powered, Black Finish on Base Plate	36" & 48"
V40BLK X EB 36", 48"	Battery Powered, Black Push Pad	36" & 48"

With 9 Volt Battery Backup

V40 X EH 36", 48"	Hardwired - 12 VAC Transformer	36" & 48"
V40F X EH 36", 48"	Hardwired - 12 VAC Transformer, 3 Hour Fire Rating	36" & 48"
V40BK X EH 36", 48"	Hardwired - 12 VAC Transformer, Black Finish on Base Plate	36" & 48"
V40BLK X EH 36", 48"	Hardwired - 12 VAC Transformer, Black Push Pad	36" & 48"

With Remote Signaling Function and 9 Volt Battery Backup

V40 X EH X R 36", 48"	Hardwired - 12 VAC Transformer	36" & 48"
V40F X EH X R 36", 48"	Hardwired - 12 VAC Transformer, 3 Hour Fire Rating	36" & 48"
V40BK X EH X R 36", 48"	Hardwired - 12 VAC Transformer, Black Finish on Base Plate	36" & 48"
V40BLK X EH X R 36", 48"	Hardwired - 12 VAC Transformer, Black Push Pad	36" & 48"

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..... **EXIT ALARMS**

Low cost, durable, battery or AC designed for use on emergency exit and restricted doors in facilities such as restaurants, retail shops, theaters, malls, warehouses, factories, airports, hotels, municipal and government buildings.

**EA-500 and EA-2500S
Surface Mount**



**EA-500F and EA-2500F
Flush Mount**



BENEFITS OF BOTH THE EA-500 and THE EA-2500

- Alarm alerts to unauthorized use of a door
- Enhances security of existing access/monitoring systems
- Slim line design is rugged and tamper resistant
- Single alarm can monitor multiple doors
- Easy to install using common tools
- Field adjustable options

EA-500 PRODUCT FEATURES:

- 3¼" W x 2⅞" D x 8⅝" L
- Case and internal mounted piezo horn resist tampering
- Threaded lock-on cover protects mounting screws, electrical system and internal sensor
- Alarm can only be silenced by use of the proper control key or remote bypass switch/outside key control feature
- Low battery alert detector causes alarm to 'chirp' and LED to blind (in a manner similar to smoke alarms) whenever the battery needs replacing
- Reverse battery protection safeguards circuitry if battery is inserted incorrectly
- Re-arming within a few seconds after authorized use is automatic and does not depend on the user remembering to do it
- Alarm is triggered by reliable magnetic switching
- Adjustable time delay (5-30 seconds) allows sufficient time to exit
- 90° detent prevents the removal of the control key when the unit is in the disarmed position

EA-2500 PRODUCT FEATURES:

- 4¾" W x 3½" D x 10¼" L
- Internal Tamper Switch will alarm if unit is opened without first placing unit into bypass mode with key
- Stand-by battery back-up (9 Volt alkaline battery) is standard with each unit. Unit automatically switches to battery back-up whenever there is a loss of power
- Durable case and internal mounted piezo horn resist tampering
- Threaded lock-on cover protects mounting screws, electrical system and internal sensor
- Alarm can only be silenced by use of the proper control key or remote bypass switch-outside key control feature
- State-of-the-art electronic closed loop circuit operation - alarm will sound any time the wires to the external sensor are cut
- Line input transient suppression protects circuitry against unexpected external voltage spikes, filtered sensor input minimizes false alarms due to transients such as lighting and those caused by electrical appliances and door strike inductive spikes
- Piezo horn with directional characteristics blasts over 95 dB of sound
- Re-arming within a few seconds after authorized use is automatic and does not depend on the user remembering to do it
- Alarm is triggered by reliable magnetic switching
- Adjustable time delay (5-30 seconds) allows sufficient time to exit
- With the Alarm By-Pass/Auto Re-arm feature the unit will sound when the door is opened unauthorized and stop sounding when the door is closed
- Extended By-Pass disables alarm for a period of time greater than the adjustable time delay (5-30 seconds)

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..... **MAGNETIC SWITCHES**

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

MS-2049F For Mortise Installation**MS-2049S For Surface Installation****APPLICATIONS:**

- In overhead mounting (the preferred method), the switch contacts are housed in the door frame, separate from the actuating magnet which is mortised into the top edge of the door
- Latch-stile mounting is also acceptable

INSTALLATION:

- Due to magnetic circuit design, this switch is safe against false signals caused by slight misalignment of switch-and-magnet installation
- Unit will go into its surveillance mode when within ¼" of full door closure and will switch mode when opening of door moves magnet less than 1"
- Units install face-to-face on the same center line
- Gap of ¼" between faces acceptable
- Misalignment of center lines up to ⅛" in any direction acceptable
- May be mounted in stiles as narrow as 1⅜"

FEATURES FOR MS-2049S:

- Tamper protection - mounting and cover screws physically inaccessible while door is closed
- Potted components assure protection against shock and moisture
- Concealed wiring with color coded, 12" long leads
- For use in steel, aluminum or wood doors and frames
- Forms "C" switch
- Life expectancy of reed switches rated by manufacturer for over one million operations, under resistive load
- Durable housing of high impact ABS thermoplastic, a U.L. listed material used in the manufacture of telephones, auto bodies, etc.
- Wide range of alarm and signal application
- Minimizes false signals caused by loosely closed doors
- Make-and/or-break circuit applications
- 1 year limited warranty

FEATURES FOR MS-2049F:

- Mortise installation - physically inaccessible while door is closed
- Potted components assure protection against shock and moisture
- Concealed wiring with color coded, 12" long leads
- For use in steel, aluminum or wood doors and frames
- Forms "C" switch
- Life expectancy of reed switches rated by manufacturer for over one million operations, under resistive load
- Installs in ANSI-sized cut-out in both door edge and jamb
- Wide range of alarm and signal application
- Minimizes false signals caused by loosely closed doors
- Make-and/or-break circuit applications
- 1 year limited warranty

PHYSICAL SPECIFICATIONS FOR MS-2049F:

- Physical dimensions of magnet unit and switch are identical
- Face plate: 4⅞" L x 1¼" W x ⅛" T
- Switch body: 3⅝" L x ⅛" W x ¼" T
- Zinc die-cast body
- Anodized aluminum (brushed and clear) face plate

PHYSICAL SPECIFICATIONS FOR MS-2049S:

- Switch housing: 5⅞" L x 1⅞" W x ⅞" D
- Magnet housing: 5⅞" L x 1⅞" W x 1⅞" D
- Housing: Grey cycolac plastic
- Face plate: Anodized aluminum (brushed and clear)

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