

## 7700 & F7700 Rim Type Panic And Fire Exit Devices 7760 & F7760 Vertical Rod Panic And Fire Exit Devices ANSI A156.3, Grade 1



| CONFIGURATION | MAX FRAME DIMENSIONS | LOCK TYPE    | DESIGN PRESSURE (PSF)<br>IN SWING/OUT SWING |          |
|---------------|----------------------|--------------|---|----------|
|               |                      |              | POSITIVE                                    | NEGATIVE |
| SINGLE        | 40" x 88"            | 7700V Series | +70.0                                       | -70.0    |
|               |                      | 7700 Series  | +70.0                                       | -70.0    |
| DOUBLE        | 76" x 88"            | 7700V Series | +70.0                                       | -70.0    |



### Features & Construction

- ◆ For use in institutions, schools, universities, commercial buildings where heavy duty reliable operation is a requirement.
- ◆ ANSI A156.3, Grade 1 heavy duty exit device in surface vertical rod and rim designs.
- ◆ Rail assemblies are heavy duty extruded aluminum body with stainless steel push pad and end caps are made of brass, bronze or stainless steel. Rail travels in direction of the door swing.
- ◆ Trims are thru bolted for additional security.
- ◆ Conforms & Meets ADA Regulations.
- ◆ UL Listed for Panic and ULC10C, UBC 7-2-1777 codes.
- ◆ UL Listed for Fire Exit Hardware. **3 hours.**
- ◆ (A) label rating on pairs of doors up to 8'0" x 8'0" swinging in same or opposite directions.
- ◆ Uncompromising security and safety in single and double fire exit doors.
- ◆ Chassis mounted unit construction. Rim and vertical rod devices are non-handed and easily reversible.
- ◆ Available in many different functions. Lever and escutcheon trims are grade 1 construction with clutch free-wheeling mechanism. Rose and escutcheon covers 161 cut out.

### Suggested Architect's Specifications

- ◆ All exit devices shall be of touch bar design with smooth operation and be operative over  $\frac{2}{3}$  of the door's clear opening width.
- ◆ All exit devices must be listed under "Panic Hardware" in the Accident Equipment List of Underwriters' Laboratories, Inc. Where labeled doors are used as exits, they must be equipped with labeled Fire Exit Hardware and UL10C, UBC-7-2-1777 codes.
- ◆ All springs shall be of stainless steel throughout.
- ◆ All exit devices shall be of chassis mounted unit construction.
- ◆ All exit devices shall be ANSI A156.3, Grade 1.

**Lifetime Warranty**

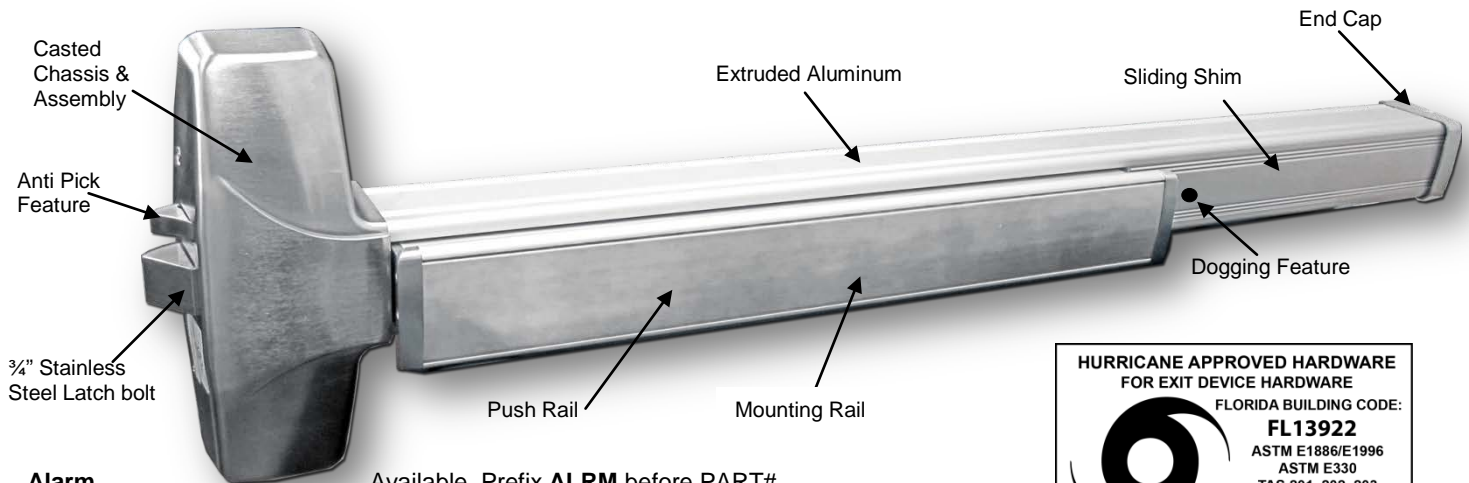
# 7700 & F7700 Series

## Rim Type Exit Device



### Specifications

- For Doors.....** 1 3/4" thick standard optional 2 1/4" thick. 4 1/2" minimum stile width for single or double door application using standard 938 strike and pull lever, thumbpiece and escutcheon trims.
- Chassis.....** Non-ferrous alloy (Panic Grade), steel (Fire Grade).
- Cover.....** Brass, bronze or stainless steel. Covers stock hollow metal doors with 161 cut out.
- Mounting.....** Furnished with wood and machine screws. Available thru bolts on request.  
**Thru bolts are included and standard packaging on fire rated devices.**
- End Cap.....** Brass, bronze or stainless steel construction.



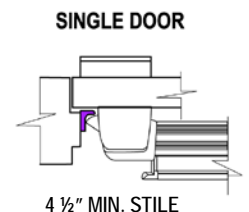
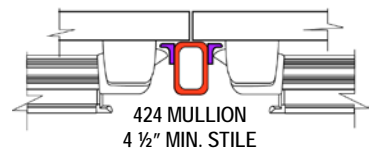
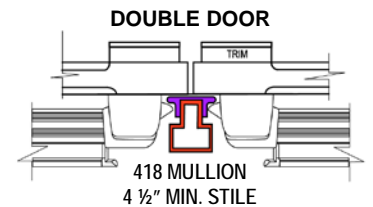
- Alarm.....** Available. Prefix **ALRM** before PART#.
- Hand.....** Non-handed, center hub.
- Latch Bolt.....** Stainless steel 3/4" throw with anti-pick feature.
- Spring.....** Stainless steel throughout.
- ANSI Standard.....** A156.3, Grade 1.
- Rail Assembly.....** Heavy gauge extruded aluminum body with stainless steel push pad.
- Strike.....** 938 packed standard (See strike page).
- Dogging Feature.....** Allen-type key furnished standard on non-fire labeled devices.
- Mullion.....** Available.
- UL and ULC Listed.....** 7700 Series for panic. F7700 Series for fire exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1777 codes.
- Finish.....** Architectural plated finishes.

## Lifetime Warranty

### DIMENSIONS

|                                   |   |                     |                       |
|-----------------------------------|---|---------------------|-----------------------|
| Touchbar height to finished floor | 41" (1034mm) at center                          |                     |                       |
| Touchbar projection               |   |                     |                       |
| neutral                           | 3 5/8" (92mm)                                   |                     |                       |
| depressed                         | 2 7/8" (73mm)                                   |                     |                       |
| Center case                       | 8 1/16" x 2 3/4" x 2 1/2" (205mm x 68mm x 62mm) |                     |                       |
| <b>MODEL</b>                      | <b>ACTUAL LENGTH</b>                            | <b>MAX CUT DOWN</b> | <b>DOOR SIZE</b>      |
| 7700EO36 and F7700EO36            | 32"   | 6"                  | 30" to 36" door width |
| 7700EO48 and F7700EO48            | 44"   | 12"                 | 36" to 48" door width |

**Minimum Stile Requirements**  
4" escutcheon trims & 4 1/2" for thumbpiece and escutcheon trims



# 7760 & F7760 Series Vertical Rod Type Exit Device



## Specifications

- For Doors.....** 1 3/4" thick standard optional 2 1/4" thick. 3 3/4" minimum stile width required for single door application. 3 1/2" minimum stile width required for double door application. Lever, thumbpiece and escutcheon trims available.
- Chassis.....** Nonferrous alloy (Panic Grade), steel (Fire Grade)
- Cover.....** Brass, bronze or stainless steel. Covers stock hollow metal doors with 161 cut out.
- Mounting.....** Furnished with wood and machine screws. **Thru bolts are included and standard packaging on fire rated devices.**
- End Cap.....** Brass, bronze or stainless steel construction.
- Hand.....** Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
- Latch Bolt, Spring.....** Stainless steel.
- ANSI Standard.....** A156.3, Grade 1.
- Rail Assembly.....** Heavy gauge extruded aluminum body with stainless steel push pad.
- Alarm.....** Available. Prefix **ALRM** before PART#.

### MINIMUM STILE REQUIREMENTS

Double Door with Two Vertical Rod Type Exit Devices



- UL and ULC Listed.....** 7760 Series for panic. F7760 Series for fire exit hardware for all types of 8' x 8' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1777 codes.
- Strike.....** See strike page.
- Dogging Feature.....** Allen-type key furnished standard on non-fire labeled devices.
- Finish.....** Architectural plated finishes.

**Lifetime Warranty**

| CONFIGURATION | MAX FRAME DIMENSIONS | LOCK TYPE     | DESIGN PRESSURE (PSF) INSWING/OUTSWING |          |
|---------------|----------------------|---------------|--|----------|
|               |                      |               | POSITIVE                               | NEGATIVE |
| SINGLE        | 40" x 88"            | F7700V Series | +70.0                                  | -70.0    |
| DOUBLE        | 76" x 88"            | F7700V Series | +70.0                                  | -70.0    |

**HURRICANE APPROVED HARDWARE FOR EXIT DEVICE HARDWARE**

FLORIDA BUILDING CODE:

**FL13922**

ASTM E1886/E1996  
ASTM E330  
TAS 201, 202, 203  
UL10B  
UL10C

## DIMENSIONS

|   |  |                         |                       |
|---|--|-------------------------|-----------------------|
| Touchbar height to finished floor                         | 41" (1034mm) at center                               |                         |                       |
| Touchbar projection                                       |  |                         |                       |
| neutral   | 3 5/8" (92mm)  |                         |                       |
| depressed   | 2 7/8" (73mm)  |                         |                       |
| Center case   | 8 1/16" x 2 3/4" x 2 1/2" (205mm x 68mm x 62mm)      |                         |                       |
| Panic grade top & bottom latch case                       | 3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)     |                         |                       |
| Fire grade top latch case                                 | 3 15/16" x 2 9/16" x 2 1/16" (100mm x 68mm x 53mm)   |                         |                       |
| Fire grade bottom latch case                              | 3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)     |                         |                       |
| Top and bottom rod length for 36" x 84" doors             | Top rod 37 1/2" (955mm), bottom rod 35 5/8" (905mm)  |                         |                       |
| Top and bottom rod length for 48" x 96" doors             | Top rod 49 5/8" (1260mm), bottom rod 35 5/8" (905mm) |                         |                       |
| Vertical rods   | 1/2" (13mm) Round tubing                             |                         |                       |
| <b>MODEL</b>  | <b>ACTUAL SIZE</b>                                   | <b>MAXIMUM CUT DOWN</b> | <b>DOOR SIZE</b>      |
| 7700EO36, F7700EO36, 7790V3696, F7790V3696 and 7750V36120 | 32"  | 6"                      | 30" to 36" door width |
| 7700EO48, F7700EO48, 7790V4896, F7790V4896 and 7750V48120 | 44"  | 12"                     | 36" to 48" door width |



# LBR 7760 & F7760 Series

## Vertical Rod Type Exit Device Less Bottom Rod (LBR)



### Specifications

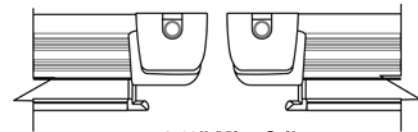
- LBR**..... No Bottom Strike. Free access for wheel chairs, stretchers and carts which eliminates tripping potential and disfiguration of floors due to dragging of bottom bolts.
- For Doors**..... 1 3/4" thick standard optional 2 1/4" thick. 3 3/4" minimum stile width required for single door application. 3 1/2" minimum stile width required for double door application. Lever, thumbpiece and escutcheon trims available.
- Chassis**..... Nonferrous alloy (Panic Grade), steel (Fire Grade)
- Cover**..... Brass, bronze or stainless steel. Covers stock hollow metal doors with 161 cut out.
- Mounting**..... Furnished with wood and machine screws. **Thru bolts are included and standard packaging on fire rated devices.**
- End Cap**..... Brass, bronze or stainless steel construction.
- Hand**..... Easily field reversible. Specify at time of order LHRB, RHRB for convenience.
- Latch Bolt, Spring**..... Stainless steel.
- ANSI Standard**..... A156.3, Grade 1.
- Rail Assembly**..... Heavy gauge extruded aluminum body with stainless steel push pad.
- Alarm**..... Available. Prefix **ALRM** before PART#.

Lifetime Warranty

- UL and ULC Listed**..... 7760 Series for panic. F7760 Series for fire exit hardware for all types of 8' x 8' double doors for up to 3 hour fire labeled installations, conforms to standards UL10C and UBC 7-2-1777 codes.
- Dogging Feature**..... Allen-type key furnished standard on non-fire labeled devices.
- Strike**..... See strike page.
- Finish**..... Architectural plated finishes.

### MINIMUM STILE REQUIREMENTS

Double Door with Two Vertical Rod Type Exit Devices

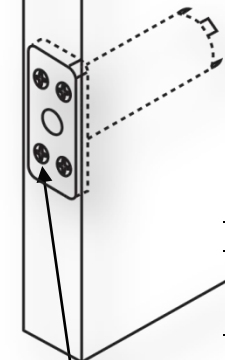


3 1/2" Min. Stile

### DIMENSIONS

|                                     |  |  |  |
|-------------------------------------|--|--|--|
| Touchbar height to finished floor   | 41" (1034mm) at center                             |  |  |
| Touchbar projection                 |  |  |  |
| neutral                             | 3 5/8" (92mm)                                      |  |  |
| depressed                           | 2 7/8" (73mm)                                      |  |  |
| Center case                         | 8 1/16" x 2 3/4" x 2 1/2" (205mm x 68mm x 62mm)    |  |  |
| Panic grade top & bottom latch case | 3 15/16" x 2 1/8" x 1 3/8" (100mm x 52mm x 42mm)   |  |  |
| Fire grade top latch case           | 3 15/16" x 2 9/16" x 2 1/16" (100mm x 68mm x 53mm) |  |  |
| Top rod length for 36" x 84" doors  | Top rod 37 1/2" (955mm)                            |  |  |
| Top rod length for 48" x 96" doors  | Top rod 49 5/8" (1260mm)                           |  |  |
| Vertical rods                       | 1/2" (13mm) Round tubing                           |  |  |

| MODEL                            | ACTUAL SIZE | MAXIMUM CUT DOWN | DOOR SIZE             |
|----------------------------------|-------------|------------------|-----------------------|
| LBR 7760V3694 and LBR F7760V3684 | 32"         | 6"               | 30" to 36" door width |
| LBR 7790V3696 and LBR F7790V3696 | 44"         | 12"              | 36" to 48" door width |



Auxiliary fire Latch Assembly

# Alarm Exit Hardware ...



## Rim Type Exit Devices

- ALRM7700EO36 Alarm Rim Type 36" Door (Panic Grade)
- ALRM7700EO48 Alarm Rim Type 48" Door (Panic Grade)
- FALRM7700EO36 Alarm Rim Type 36" Door (Fire Grade)
- FALRM7700EO48 Alarm Rim Type 48" Door (Fire Grade)

## Vertical Rod Type Exit Devices

Prefix "ALRM" before PART#

### Features

Alarm unit has internal horn. When the push rail is depressed, the horn sounds to provide an audible means of signaling that the door has been opened and violated.

The unit has changeable 2 minute alarm cutoff or manual reset. Preset at factory for 2 minute alarm cut off.

The key switch to turn alarm off is a standard 1 ¼" cylinder with "C" keyway. The alarm operates on one standard 9 volt transistor battery. When battery is weak the horn will emit an intermittent signal.

Alarmed units are supplied with a switch that monitors push rail only.

Unit includes "EMERGENCY EXIT ONLY • ALARM WILL SOUND" decal for application on door or unit.

## Cylinder Dogging Kit



**TO ORDER:** Prefix "CD" before PART#. Available for all 7700 Series devices except fire exit hardware.

To order **KIT ONLY:** use PART# 36CD7700 for 36" and 48CD7700 for 48" devices. Specify finish.

## Finishes (Refer to Price List for Stock Finishes)

| Cal-Royal | Description       | BHMA | US Finish | Material        |
|-----------|-------------------|------|-----------|-----------------|
| 10B       | Oil Rubbed Bronze | 613  | US10B     | Bronze          |
| 32D       | Satin Stainless   | 630  | US32D     | Stainless Steel |

# Trim Selection.....



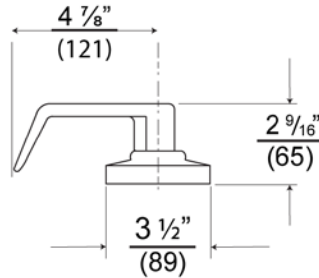
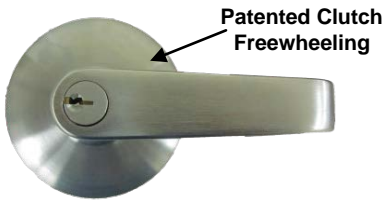
## LEVER DESIGN

### Non-handed Grade 1 (Clutch Style)

Cylindrical body hardened steel heavy duty tailpiece. For 1 3/4" and 2 1/4" doors. Prefix THI before part # for 2 1/4" door thickness. Available for fire and non fire rated rim and vertical rod exit devices.

Rose diameter 3 1/2", lever length 4 3/4". Fits and covers 161 cutout.

Finishes: Architectural plated finishes.



ENT00L or  
ICENT00L or  
ICSCENT00L4

**ENTRANCE**  
Key locks and unlocks lever.  
Operates as CLASSROOM  
FUNCTION.  
ANSI Function – 08

8000K

Ball Knob Keylock

STR05L or  
ICSTR05L or  
ICSCSTR05L4  
PAS30L

**STOREROOM**  
Key operates lever, otherwise  
always locked.  
ANSI Function – 04

**PASSAGE**  
Trim always operable and free.  
ANSI Function - 15

DUM40L

**DUMMY**  
Dummy trim. One sided  
ANSI Function – 10

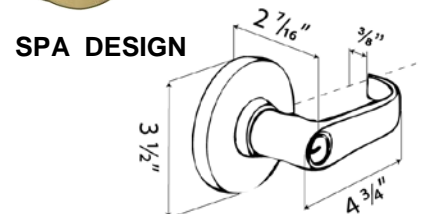
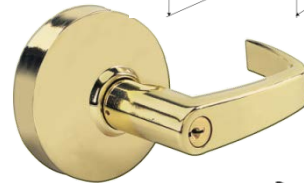
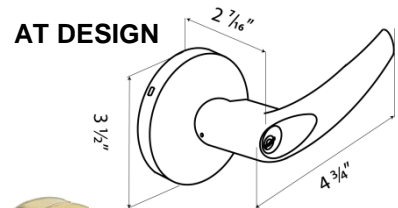
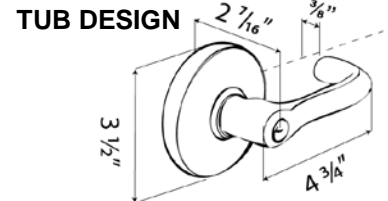
When ordering "AT" and "SPA" designs, prefix design name before part #. Example: *ENT00L* in "AT" is **ATENT00L**.

**KEYWAY:** 6 pin solid brass "C" keyway standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow 1C, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa and Kaba High Security Cylinders.

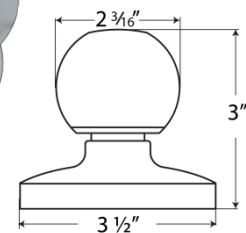
**(IC) INTERCHANGEABLE CORE**  
Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.

**(ICSC) INTERCHANGEABLE CORE:** Indicates function available with **Schlage Full size format** Interchangeable Core.

## Other Lever Trim Designs



8000K



# Trim Selection.....

## ESCUTCHEON LEVER DESIGN



### CONSTRUCTION

- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolted design. Non-handed design. Easily field reversible.
- Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.

### DOOR THICKNESS

Standard 1 3/4". For 2 1/4" thick door use additional part# TAIL3.

### ESCUTCHEON DIMENSIONS

2 3/4" width X 10 1/4" length. Lever length: 4 3/4". Fits and covers 2 1/8" 161 cutout

- ESC7700 or
- ICESC7700 or
- ICSCESC7700

### ENTRANCE

Rigid Entrance, key locks or unlocks escutcheon trim  
ANSI FUNCTION (63) Operates as classroom function

- ESC7705 or
- ICESC7705 or
- ICSCESC7705

### STOREROOM

Rigid Storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked  
ANSI FUNCTION (04)

### ESC7730

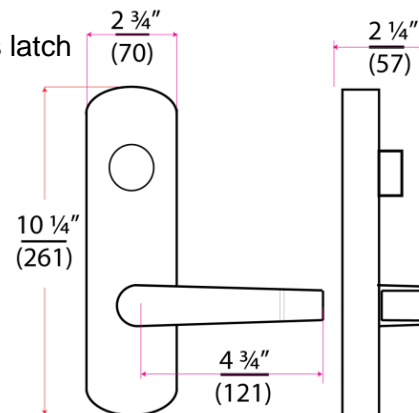
### PASSAGE

Trim always operable and free  
ANSI FUNCTION (62)

### ESC7740

### DUMMY

Dummy Escutcheon trim ANSI FUNCTION (10)



**KEYWAY:** 6 pin solid brass "C" keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow 1C, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa and Kaba High Security Cylinders.

- **(IC) INTERCHANGEABLE CORE:** Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.
- **(ICSC) INTERCHANGEABLE CORE:** Indicates function available with Schlage Full size format Interchangeable Core.

# Trim Selection.....

## PULL DESIGN

- 7700 NL
- IC7700NL
- ICSC7700NL

**FOR RIM DEVICES ONLY**  
 Outside by pull and key.  
 Key retracts latch bolt.  
 ANSI function – 03  
 Covers 161 cutout

**KEYWAY**  
 6 pin solid brass “C” keyway  
 Rim Cylinder standard.

**FINISHES**  
 Architectural plated finishes.



**7700 DTP**

Outside by pull only.  
 Pull when dogged.  
 ANSI function – 02  
 Covers 161 cutout



**7700 EOP**

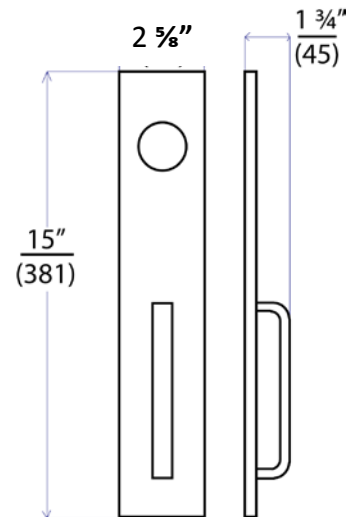
Outside by plate only.  
 Pull when dogged.  
 ANSI function – 10  
 Covers 161 cutout



## THUMBPIECE TRIM

(OPERATES ON RIM & VERTICAL ROD DEVICES)

- 77TP00 or **ENTRANCE**
- IC77TP00 Key locks or unlocks thumbpiece.
- ICSC77TP00 (Operates as classroom function)
- ANSI Function – 63
  
- 77TP05 or **STOREROOM**
- IC77TP05 Key unlocks thumbpiece, thumbpiece
- ICSC77TP05 retracts latch bolt, otherwise always
- locked. ANSI Function-04
  
- 77TP30 **PASSAGE**
- Trim always operable and free.
- ANSI Function – 62
  
- 77TP40 **DUMMY**
- Dummy trim. One sided.
- ANSI function – 10



**KEYWAY:** 6 pin solid brass “C” keyway Mortise Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow 1C, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa and Kaba High Security Cylinders.

- **(IC) INTERCHANGEABLE CORE**  
 Interchangeable Core locks will accept compatible 6 or 7 pin cores with BEST, FALCON and ARROW.
- **(ICSC) INTERCHANGEABLE CORE:** Indicates function available with Schlage Full size format Interchangeable Core.

**FINISHES**  
 Architectural plated finishes.



## Electrified Lever Trim .....

Cal-Royal's electrified lever trim provides remote locking and unlocking capabilities while incorporating the patented clutch trim design. The 24V DC solenoid can be energized from a distant controller, thus allowing access control of the opening.

The control of stairwells in high-rise buildings is a common application for this trim, where electric pullback of the exit device's latch bolt is cost prohibitive or not required. This is especially practical in applications where fire/life safety codes require a "fail-safe" condition which is not an option with electrified latch pullback devices. Because the current draw is quite low there is no need for a more expensive power supply to provide the surge current.

### Features

- Continuous duty solenoids used to insure trouble-free operation
- Internally mounted solenoid to ease installation (no special door prep required)
- No hassle 3-Year Warranty

### Options

- Available Fail Safe (electrically locked) or Fail Secure (Electrically Unlocked)
- Voltage options – 12V or 24V (AC/DC)
- Request to Enter Switch (REE) available
- CRU2 – Current Reduction Unit to improve solenoid life in "continuously on" applications

### Specifications

Solenoid.....Continuous Duty 24VDC

Operating Voltage....12 or 24VAC/DC + OR – 10% (must specify 12 or 24 volts when ordering)

Amperage.....260mA@12V / 160mA@24V

Coil Resistance.....12V=49Ω / 24V=159Ω

### To order, Specify:

OPTIONS: FAIL SAFE (FS)  
FAIL SECURE (FSE)



| ITEM#       | DESCRIPTION                        |
|-------------|------------------------------------|
| FS12 ESC77  | FS12 FAIL-SAFE OPTION 12V AC/DC    |
| FS24 ESC77  | FS24 FAIL-SAFE OPTION 24V AC/DC    |
| FSE12 ESC77 | FSE12 FAIL-SECURE OPTION 12V AC/DC |
| FSE24 ESC77 | FSE24 FAIL-SECURE OPTION 24V AC/DC |

## (ELR) Electrical Latch Retraction

Our electrified latch pullback exit device allows for remote keyless access control in high occupancy/high traffic conditions where exit devices are required. Common applications include conditions such as hospitals, airports, schools, churches and they are commonly specified in applications that require automatic door openers. The device may be continuously energized allowing for a push/pull condition if desired.

### Features:

- Available on 7700 Series, including rim, vertical rod, concealed vertical rod, fire and non fire-rated devices.
- High-performance quality solenoids designed for demanding applications
- The PM200\* interface power module (included) is programmed to meet the requirements of the specific exit device modification. It maximizes the efficiency and life of the solenoid, allows for a much longer wire run and may be used with 24VDC power supplies rated at 1.5A or greater
- Dual coil solenoids, or PWM programming, allow for either momentary or extended time latch retraction
- No hassle 3-Year Warranty

### Specifications

- Voltage – 24VDC
- Amperage – Surge current – 12A for 200ms@24V / Holding – 250mA@24V

## Signal Switch RX and LX .....

RX (request to exit) signal switch is used to signal the use of an opening from the push side. When the push pad is depressed, the switch is activated. These devices are equipped with an internal SPDT (single pole double throw) switch that monitors the touch bar.

LX (latch bolt monitoring) signal switch monitors both egress and access of an opening. When the latch bolt is retracted, the switch is activated. These devices are equipped with an internal SPDT (single pole double throw) switch that monitors the latch bolt position.

LX and RX switches can be combined.

LX, RX switches can be used in combination with EL (electric latch retraction) option.

### Specifications

RX or LX.....Switch rated 0.5 amps @ 24VAC/DC resistive  
Low current RX or LX.Switch rated 0.5 amps @ 24VAC/DC resistive  
For Factory Installed:

### To Order, Specify:

Prefix: - RX.....Request to Exit  
LX.....Latch bolt Monitoring  
LXRX.....Latch bolt Monitoring/Request to Exit Combination

## Heavy Duty Keyless Lock ...

### ELECTRONIC CRCODE007

#### FEATURES

- Dual mode for code free entry either mechanically by key or electronically thru the keypad
- Can store up to 90 different numeric user codes in 4, 5 or 6 digits
- Settings remain in memory when batteries are removed
- Audible alarm sounds after 3 incorrect attempts
- Connections available for remote release switch and automatic lock activation when linked to Fire alarm system
- Can be used as STOREROOM or CLASSROOM function
- Factory default set as STOREROOM function
- Fast and easy programming via master code

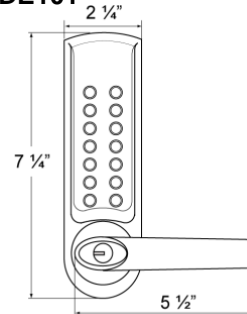
### MECHANICAL CRCODE101

#### FEATURES

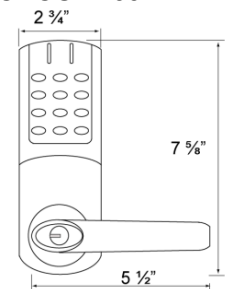
- Heavy Duty
- Designed for 9800 and 7700 series Grade 1 Panic Exit Device
- Single code (up to 8000 code combinations)
- Weather-resistant finish
- Code can be changed anytime without dismantling
- Full size, non-handed lever handle
- Easy Installation
- Reversible Handing



CRCODE101



CRCODE007



# POWER SUPPLIES FOR ELECTRIFIED EXIT DEVICES ...



The CRPS1N is a heavy duty, high quality, low cost solution for powering a single latch retracting exit device. The solid state design insures years of trouble-free operation. The power supply delivers raw, unregulated DC current which is ideal for the extreme in-rush requirement of most solenoid driven electric latch retracting exit devices. The power supply comes housed in a sturdy, yet compact metal enclosure.

## CRPS1N



### Features:

- Power supply delivers the necessary high current in-rush for a single exit device
- Solid-state design eliminates problems associated with mechanical relays
- Single input/output

### Specifications:

- Input voltage – 110 VAC
- Output voltage – 24 VDC unregulated @ 2.3A
- Temperature range – 0 to 120F
- 1 Solid-State input/output (input triggered by dry contact)
- LEDs – RED = Power indicator  
GREEN = Channel on
- Enclosure dimensions: 7" x 8" x 3.5"

The CRPS2 Series power supplies are high quality, cost effective solution for powering two electric latch-retracting exit devices. These power supplies provide the necessary surge current that most latch-retracting exit devices require. The CRPS2 Series offers features found on power supplies costing much more; and the solid-state design and careful attention to detail make the CRPS2 Series ideal choice for the discerning user who requires a power supply that can offer years of trouble-free operation.

## CRPS2 CRPS2BB



### Features:

- Delivers the necessary in-rush current to power two latch pullback exit devices.
- Two independent inputs/outputs
- Solid-state design eliminates mechanical problems associated with relays
- Thermal overload sensing reduces risk of failure due to overheating
- Fire alarm disconnect link
- Inputs triggered by dry contact
- Intelligent short circuit detection detects shorts much faster than fuses and isolates the short to the individual output
- Removable Euro-style terminal blocks allow for easy installation
- UL Pending at time of print
- No hassle 3-Year Warranty

### Additional Features (CRPS2BB Only):

- Efficient battery backup/charging circuitry with zero voltage drop at power loss
- Solid state reverse polarity protection for battery connections
- Audible alert when sensing AC power failure & low battery (batteries not included)

### Specifications:

- Input Voltage – 120 VAC
- Output Voltage – 24 VDC unregulated @ 2.3A
- Temperature Range – 0 to 120 F
- 1 Solid-State input/output (input triggered by dry contact)
- LEDs – Red = Power indicator  
GREEN = Channel on
- Enclosure dimensions: 7" x 8" x 3.5"

The CRSW3 power supply is a low cost, regulated switching power supply. It is designed specifically to supply power to low current DC devices such as mortise locks, cylindrical locks and electric strikes. The CRSW3 supplies 2.4A @ 27VDC and provides (3) non-fused outputs. The CRSW3 comes housed in a 10" x 10" x 4" sturdy metal enclosure.

## CRSW3



### Features:

- Adjustable output voltage (22-27V under load)
- No hassle 3-Year Warranty

### Specifications:

- Input voltage – 110 or 240VAC
- Output voltage – 2.4A @ 27VDC
- (3) Non-fused outputs
- Enclosure dimensions : 10" x 10" x 4"

# Strikes & Accessories .....

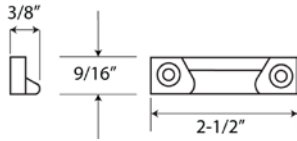


## Strikes for use with 7760 vertical rod exit device

All strikes are black nylon coated

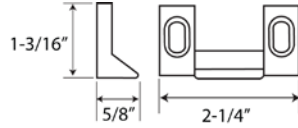
### 221

Standard for 7760.  
Applied to surface of floor or to a flat threshold.  
Standard packaging.



### 227

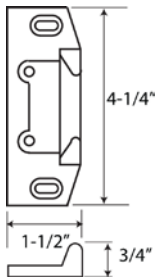
Applied to surface of stop.  
No mortise required.  
Standard packaging.



## Strikes for use with F7760 vertical rod fire rated exit device

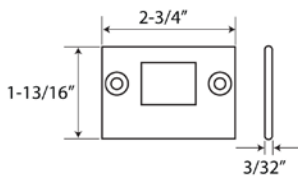
### 245

Surface applied for F7760.  
Standard packaging.



### 233

Bottom strike for F7760.  
Flush mounting stainless steel.  
Furnished with expansion shields.  
Requires mortise in the floor.  
Standard packaging.



## Mullions

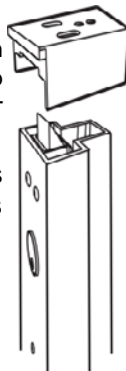
**418** – Removable mullion Aluminum painted (Prime coat) includes top and bottom retainer supplied as a stock 96” for non fire rated applications.



**LCK418** – Lockable Removable mullion Aluminum painted (Prime coat) includes top and bottom retainer supplied as a stock 96” for non fire rated applications.

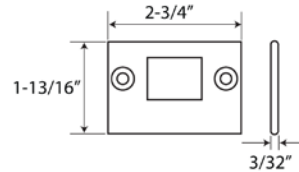
**ICLCK418** - Interchangeable Core locks will accept compatible 6 or 7 pin Cores with Best, Falcon and Arrow.

**ICSCLCK418** - Indicates function available with Schlage Full Size Format Interchangeable Core.



### 233

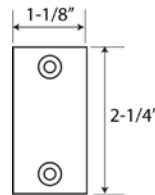
Bottom strike. Alternate bottom strike. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor.



## Additional Accessories

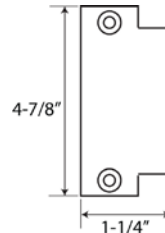
### LFF

Lock front filler



### SF

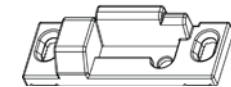
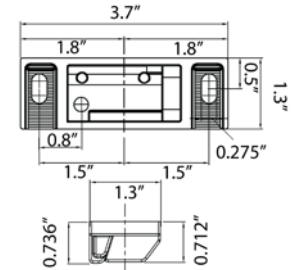
Strike filler



## Strikes for use with 7700 rim type exit device

### 938

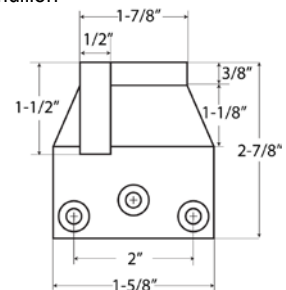
For 7700 & F7700 surface applied.  
Standard packaging



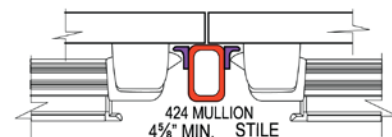
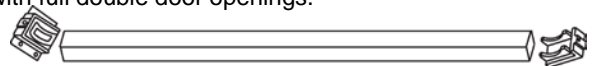
## Overlapping Strikes

### 951

Surface applied. Used on inactive leaf for device on active leaf of pair of doors without mullion



**424** – Fire exit mullion. 2” x 3” steel tubing round corner, iron construction with iron top and bottom retainers. To be used with two rim type devices on two independent active doors with full double door openings.



## GLASS BEAD SHIM KITS

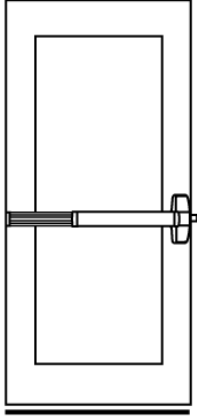
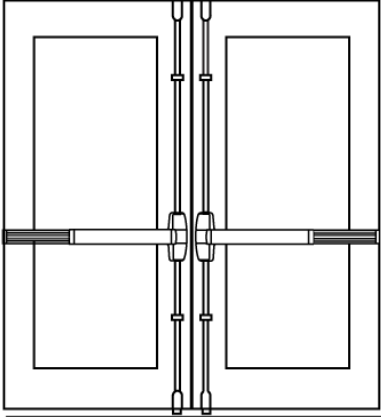
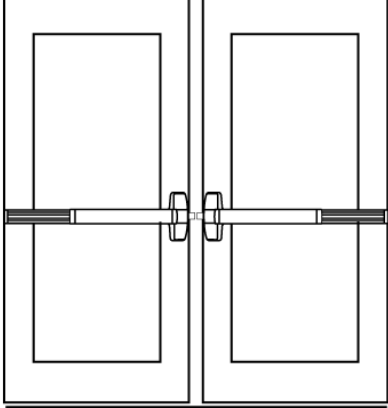
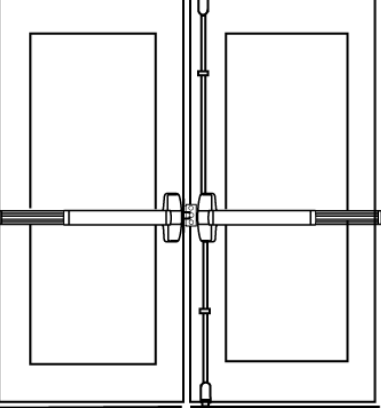
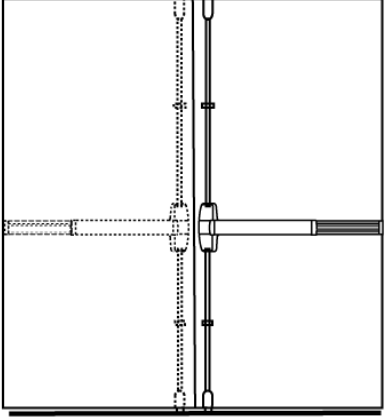
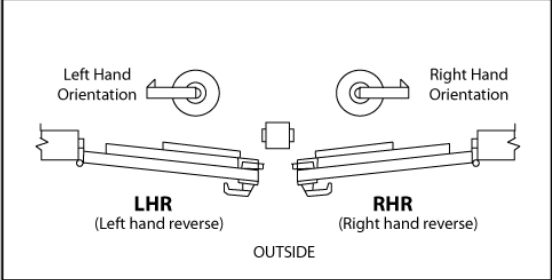
- 901 – For rim type, 1/8” thick
- 906 – For vertical type, 1/8” thick
- 912 – For fire rated type, 1/8” thick

## Additional Rods

Vertical rod for 10 feet high doors available on non-fire rated vertical rod devices only. Use part# **VRRD-10**

# 7700 & F7700 Rim Type and Fire Exit Devices 7760 & F7760 Vertical Rod and Fire Exit Devices ANSI A156.3 Grade 1 Selector Chart



|  |   |
|--|---|
| <p style="text-align: center;"><b>SINGLE DOOR</b></p>  <p><b>Vertical rod type or Rim type</b> Surface applied 2 point lock. Surface application.</p>   | <p style="text-align: center;"><b>PAIR OF DOORS WITHOUT MULLION</b></p>  <p><b>2 Vertical rod type</b> Surface applied 2 point locking both doors. Each door active same direction. Do not use with overlapping astragal.</p>   |
| <p style="text-align: center;"><b>PAIR OF DOORS WITH MULLION</b></p>  <p><b>2 Rim type with mullion</b> Two independent active doors with full double door openings when required. Same direction.</p> | <p style="text-align: center;"><b>PAIR OF DOORS WITHOUT MULLION</b></p>  <p><b>1 Vertical rod and 1 rim type</b> Both devices are surface applied. A coordinator and overlapping strike is recommended.</p>  |
| <p style="text-align: center;"><b>PAIR OF DOORS WITHOUT MULLION</b></p>  <p><b>2 Vertical rod type</b> Double egress surface applied. 2 point locking both doors opposite directions.</p>             | <p style="text-align: center;"><b>HANDING</b></p>  <p>Left Hand Orientation      Right Hand Orientation</p> <p><b>LHR</b> (Left hand reverse)      <b>RHR</b> (Right hand reverse)</p> <p style="text-align: center;">OUTSIDE</p> <p><b>CAL-ROYAL PRODUCTS, INC.</b><br/>6605 FLOTILLA ST., COMMERCE, CA 90040 U.S.A.<br/>TEL: (323) 888-6601 FAX: (323) 888-6699<br/>Website: cal-royal.com • Email: sales@cal-royal.com</p> |