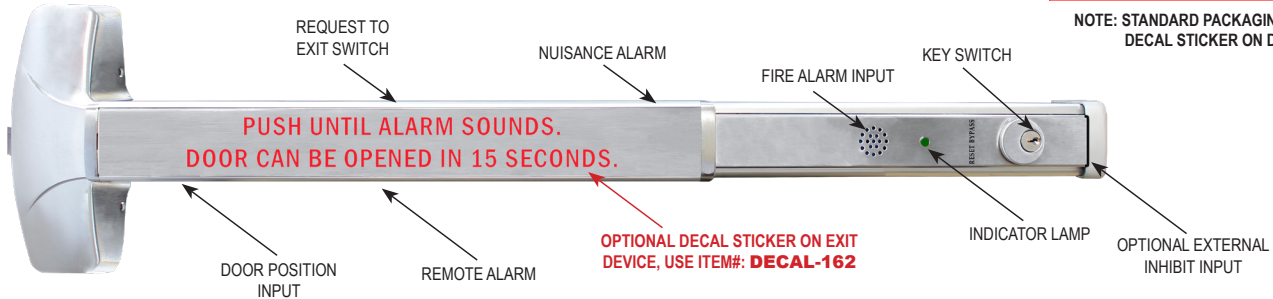
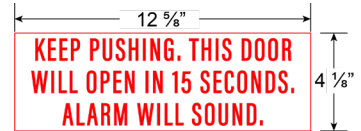


DE7700 Series

GRADE 1 Delayed Egress All in One Exit Device

ANSI BHMA A156.24 Delayed Egress Locking System Approved



FEATURES		
EGRESS DELAY	BULIT-IN ANNUNCIATION	CODE COMPLIANCE
<ul style="list-style-type: none"> All in One Device 15 or 30 second exit delay (Factory set to 15 secs) 1 or 2 second nuisance delay Alarm and Lock reset 1 to 30 second momentary bypass Sustained bypass 	<ul style="list-style-type: none"> Armed mode Nuisance mode Irreversible egress mode Release mode <u>Optional External Inhibit Input</u> Remote override Remote reset 	<ul style="list-style-type: none"> IFC International Fire Code IBC International Building Code NFPA 101 Life Safety Code NFPA 1 Uniform Fire Code California Building Code Field selectable automatic or manual power up after emergency release or power loss
CONTROL INPUTS	TRIGGER MODES	MONITORING OUTPUTS
<ul style="list-style-type: none"> 1 to 30 second request-to-exit and bypass input with anti-tailgate and jumper selectable door prop alarm Reset 	<ul style="list-style-type: none"> Egress Alarm triggered by Push Bar Trigger input from external device field selectable (N/O or N/C) 	<ul style="list-style-type: none"> Armed mode Nuisance mode Release status

MUST ORDER CR602RF or CR631RF POWER SUPPLY TO HONOR WARRANTY AND UL MARKING

APPLICATION	
<p>When unauthorized egress is initiated the device delays egress through the door for 15 seconds (or 30 seconds). Meanwhile, the person exiting must wait while personnel or security responds. The door unlocks after 15 seconds have elapsed permitting egress. When powered by a fire control supervised power supply, the lock will release immediately in an emergency.</p>	<p>FOR USE WITH: (FIRE AND NON-FIRE)</p> <ul style="list-style-type: none"> A7700, AF7700 Rim Exit Devices A7760V, AF7760V Surface Vertical Rod Exit Device¹ MCVR7700, FMCVR7700 Concealed Vertical Rod (metal doors) WCVR7700, FWCVR7700 Concealed Vertical Rod (wood doors) MR7700, FMR7700 Mortise Lock Rim Exit Device GLS7700 Narrow Stile Rim Exit Device (on 36" Only) GLSCVR7700, FGLSCVR7700 Narrow Stile Concealed Vertical Rod (on 36" Only) <p>¹Recommends use of rod and latch guards and strike monitor for surface vertical rods</p>

TECHNICAL SPECIFICATIONS	
<ul style="list-style-type: none"> 24V DC @ 430mA 24V DC @ 250mA Slave <p>Power Supply CR602RF 1 Amp / CR631RF 1.5 Amp</p>	<ul style="list-style-type: none"> Field selectable 12 or 24V DC, regulated and filtered Auto resetting output circuit protection Isolated 13.5 / 27V DC battery charger Low battery disconnect Emergency release input Field selectable UBC & California compliant manual power up Input, output and battery status LED's CR631RF - 16" x 14" x 6.5", CR602RF - 12" x 12" x 4" enclosure Choice of output and door control modules CR631RF - 1.5 Amp, CR602RF - 1.0 Amp Batteries not included
<p>CR631RF</p>	<p>CR602RF</p>

7700 Series Delayed Egress Models

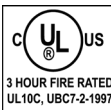
GRADE 1 Delayed Egress All in One Exit Device

ANSI / BHMA A156.24 Delayed Egress Locking System Approved

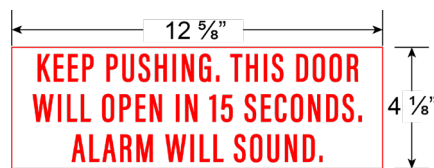
For use in institutions, schools, universities, commercial buildings where heavy duty reliable operation is a requirement. 7700 Series Delayed Egress can also be used for fire exit hardware for all types of 4' x 8' single doors and 8' x 8' double doors for up to 3 hour fire labeled installations, it conforms to standards UL10C and UBC 7-2-1997 codes.



MEETS
The Buy American Act



5-YEAR WARRANTY



NOTE: STANDARD PACKAGING INCLUDES DECAL STICKER ON DOOR.



A7700, AF7700 Rim Panic Exit Devices



A7760V, AF7760V Surface Vertical Rod Exit Devices

To effectively use the surface vertical rod exit device, it is recommended that the rod and latch guards and monitor strike be used.



GLS7700 Narrow Stile Rim Exit Devices (36" ONLY)

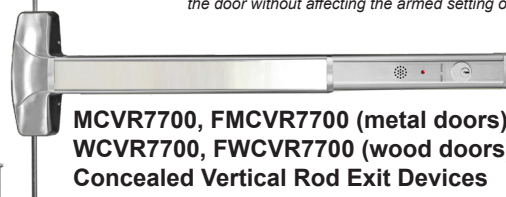


*Optional Decal sticker for the Exit Device, specify item# "DECAL-162" when ordering.



MR7700, FMR7700 Mortise Exit Devices

If a door position switch is not used, the outside trim will operate the door without affecting the armed setting of the device.



**MCV7700, FMCV7700 (metal doors)
WCVR7700, FWCVR7700 (wood doors)
Concealed Vertical Rod Exit Devices**



**GLSCVR7700, FGLSCVR7700 (36" ONLY)
Narrow Stile Concealed Vertical Rod Exit Devices**

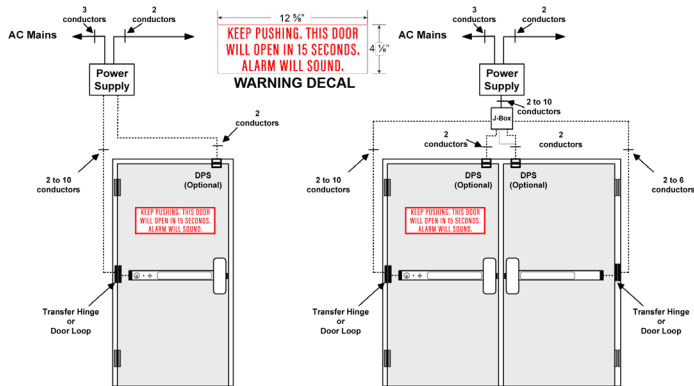
DELAYED EGRESS OPTION IS AVAILABLE ON ALL 7700 SERIES EXIT DEVICES (GLS7700 & GLSCVR7700 Narrow Stile Exit Devices on 36" Only. Must use DEKIT48.)

♦♦ NOTE: DEKIT IS INSTALLED ON THE EXIT DEVICE UPON ORDERING. ♦♦

Must Specify: 7700 Series ITEM # and DEKIT36 (for 36") or DEKIT48 (for 48") separately.

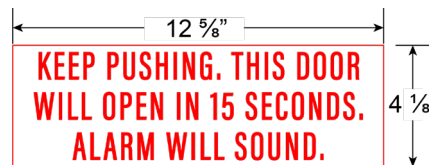
for Example: A7700EO36 US32D with Delayed Egress option,

ORDER: "A7700EO36 US32D" and "DEKIT36 US32D" as two line items.



Single Door

Pair of Doors



NOTE: STANDARD PACKAGING INCLUDES DECAL STICKER ON DOOR.

MUST ORDER CR602RF OR CR631RF POWER SUPPLY TO HONOR WARRANTY AND UL MARKING

(ELR) Electric Latch Retraction



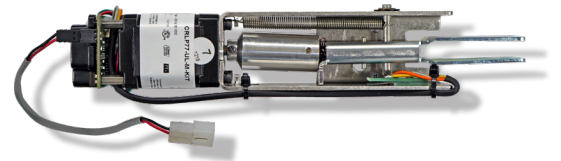
Our motor driven electrified latch pullback exit device allows for remote keyless access control in high occupancy / high traffic conditions where exit devices are required. Common applications include conditions such as hospitals, airports, schools, churches and they are commonly specified in applications 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, mortise exit device, fire and non fire-rated devices
- MM4S Smart Module: On board diagnostics with audible feedback for adjustment and power issues
- “PTS” (Push to Set Technology): 5 second electronic adjustment for easy post installation adjustment
- Electric dogging rated for continuous duty - Auto retraction if dogged push pad is pulled from position
- Low Current Draw - Field switchable to “High Torque” mode
- Up to 300’ wire run with (2) 18ga wire - Long wire runs provides installer with convenience of placing the locking device power supply in a centralized location; i.e. the same closet as the access panel
- 8’ cable with Quick Connect for MM4S module to easily connect to power supply lead
- 3-year “No Hassle” warranty

Specifications:

- Voltage – 22 to 28V DC
- System protection – unit shutdown when voltage exceeds 28V DC
- Average In-rush Current – 900mA; Average Hold Current - 215mA
- PTS adjustment – approx. ¼”
- Wire run: 300’ with 18ga wire



**INSTALLED ON THE EXIT
DEVICE: USE FLR7700 ADD**

**FOR FIELD INSTALLATION
USE FLR7700 KIT**

To Order:

- **Must Specify: Exit Device item #** and **FLR7700 ADD** as two separate line items.
For Example: A7700EO36 US32D with ELR option, order “**A7700EO36 US32D**”, and “**FLR7700 ADD**” as two line items.
- ***Use FLR7700 KIT if ordered separately.**
- **Optional Switch** (RX or LX) is also available and should be added as a **3rd line item** as needed.

Note: When using electrified hinge, you must use prefix ELELRn + hinge item code, where “n” is equal to number of wires. For example: ELELR4 + BB31.

**MUST USE CRP POWER SUPPLIES TO
HONOR WARRANTY (see pages 97-98)**

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 ELR (electric latch retraction) option.

Specifications

RX or **LX**.....Switch rated 0.5 amps @ 24V AC / DC resistive
Low current **RX** or **LX**.Switch rated 0.5 amps @ 24V AC / DC resistive

for Factory Installed. To Order, Specify:

RX7700.....Request to Exit switch for field installation
LX7700.....Latch bolt Monitoring switch for field installation
LXRX7700.....Latch bolt Monitoring / Request to Exit Combination

Trim Selection

ESCUTCHEON LEVER DESIGN



CONSTRUCTION

- Free-wheeling clutch mechanism.
- Grade 1, thru-bolted design. Reversible design
- Hardened steel heavy duty tailpiece.
- Available for rim and concealed vertical rod exit devices

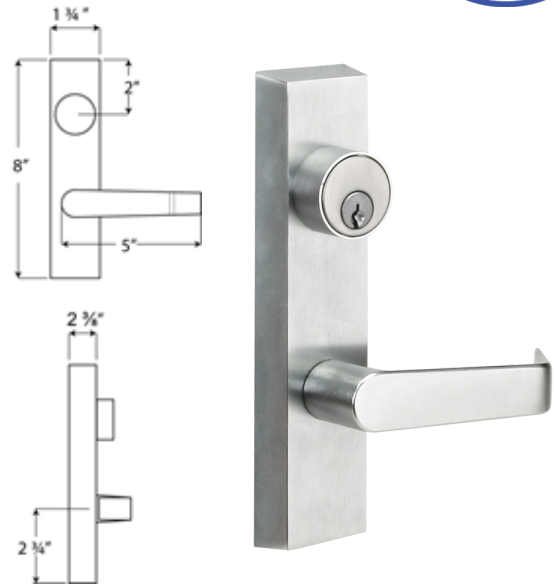
DOOR THICKNESS

Standard 1 3/4"

ESCUTCHEON DIMENSIONS

1 13/16" width X 8" length

Lever length: 5"



- | | |
|-------------------------|--|
| GLSRIM9800 | ENTRANCE |
| GLSCVR9800 | Clutch free-wheeling Entrance, |
| ⊗ ICGLSRIM9800 | key locks or unlocks escutcheon |
| ⊗ ICSCGLSRIM9800 | trim ANSI Function (08) Operates |
| ⊗ ICGLSCVR9800 | as classroom function |
| ⊗ ICSCGLSCVR9800 | CVR is used for Concealed Vertical Rod Exit Device |
| | RIM is used for Rim Type Exit Device |

- | | |
|-------------------------|--|
| GLSRIM9805 | STOREROOM |
| GLSCVR9805 | Clutch free-wheeling Storeroom, |
| ⊗ ICGLSRIM9805 | key unlocks lever, lever retracts latch bolt, |
| ⊗ ICSCGLSRIM9805 | otherwise always locked. |
| ⊗ ICGLSCVR9805 | ANSI Function (09) |
| ⊗ ICSCGLSCVR9805 | CVR is used for Concealed Vertical Rod Exit Device |
| | RIM is used for Rim Type Exit Device |

- | | |
|-------------------|--|
| GLSRIM9830 | PASSAGE |
| GLSCVR9830 | Trim always operable and free |
| | ANSI Function (14) |
| | CVR is used for Concealed Vertical Rod Exit Device |
| | RIM is used for Rim Type Exit Device |

- | | |
|-------------------|--|
| GLSRIM9840 | DUMMY |
| GLSCVR9840 | Dummy Escutcheon trim ANSI Function (02) |
| | CVR is used for Concealed Vertical Rod Exit Device |
| | RIM is used for Rim Type Exit Device |

IMPORTANT: GLS9800 and GLSCVR9800
Trims can be used with GLS7700 and
GLSCVR7700 Exit Devices

NOTES:

- AT, RL, TUB lever design is available upon request.
- **ELECTRIFICATION NOT AVAILABLE FOR TRIM**
- Electrical Latch Retraction (ELR), Request to Exit (RX) and Latchbolt Monitoring (LX) available for Exit Device only.
- Anti-Microbial Coating available in US26D Only. Use part # "ANTB-TRIM" when ordering.

KEYWAY: 6-Pin solid brass "C" keyway Rim Cylinder standard. Optional: Schlage E, Schlage C-K, Russwin D1-2-3-4, Corbin 59/60, Sargent LA-LB-LC, Falcon/Weiser E, Arrow A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and **Cal-Royal HSK** High Secity 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. Corbin, Sargent and Yale format also available.

Trim Selection



PULL DESIGN - FOR GLS7700 RIM EXIT DEVICE ONLY

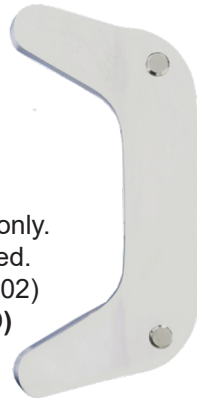
98GLSNL
⚙ IC98GLSNL
⚙ ICSC98GLSNL

Outside by pull and key.
 Key retracts latch bolt.
 ANSI Function (03)
(SPECIFY HANDING)



98GLSUP

Outside by pull only.
 Pull when dogged.
 ANSI Function (02)
(NON-HANDED)



GLSRIMEOP

Outside cover plate
 only.
ANSI Function (01)

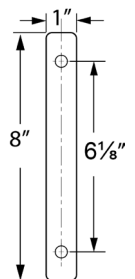
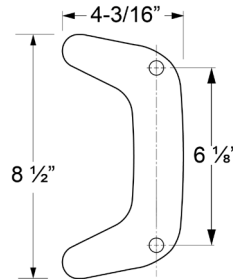
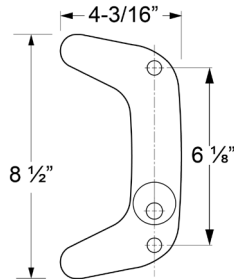


KEYWAY

Standard 6-Pin solid brass "C"
 keyway Rim Cylinder included.

FINISHES

Architectural plated finishes.



IMPORTANT: GLS9800 and GLSCVR9800 Trims can be used with GLS7700 & GLSCVR7700 Exit Devices



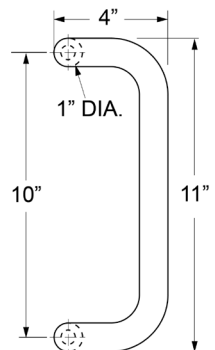
98GLSCYL-1



⚙ IC98GLSCYL-1
⚙ ICSC98GLSCYL-1



OFSTPUL-10
(REVERSIBLE)



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

⚙ (IC) INTERCHANGEABLE CORE: Interchangeable Core locks will accept compatible 6 or 7-Pin cores with BEST, FALCON and ARROW

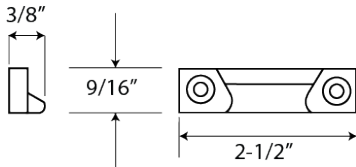
⚙ (ICSC) INTERCHANGEABLE CORE: Indicates function available with **Schlage Full Size Format** Interchangeable Core. Corbin, Sargent and Yale format also available.

Strikes & Accessories



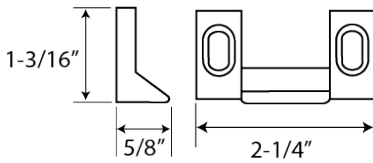
Strikes for use with A9860V Vertical Rod Exit Device

All strikes are black nylon coated



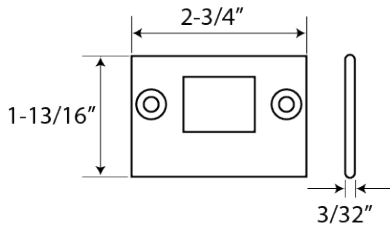
221

Standard for A7760V. Applied to surface of floor or to a flat threshold. Standard packaging.



227

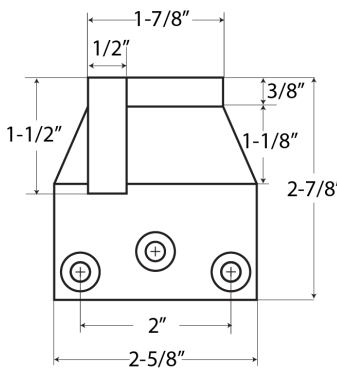
Applied to surface of stop. No mortise required. Standard packaging.



233

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

Overlapping Strikes



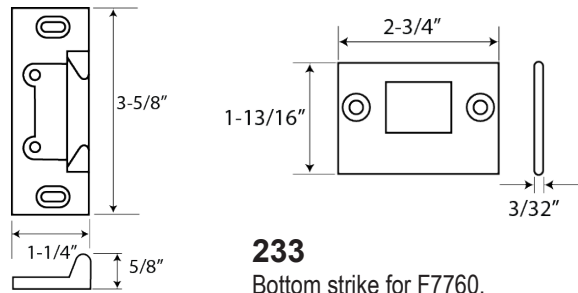
951

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

Additional Rods

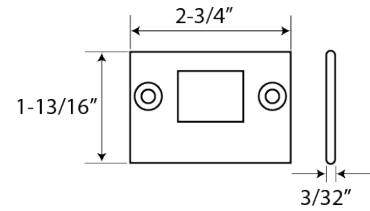
Vertical rod for 10 feet high doors available on non-fire rated vertical rod devices only. Use Part # VRRD10.

Strikes for use with A7760V Vertical Rod Fire Exit Device



245

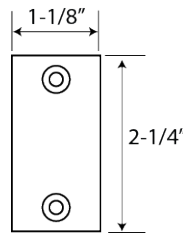
Surface applied for F7760. Standard packaging.



233

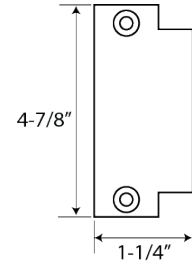
Bottom strike for F7760. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging.

Additional Accessories



LFF

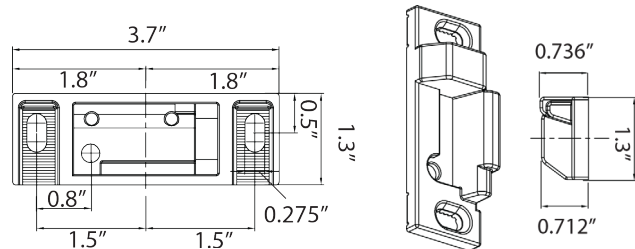
Lock front filler



SF

Strike filler

Strikes for use with A7700 Rim Type Exit Device



938

for A7700 surface applied. Standard packaging.

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

