Alarm Exit Hardware

GRADE 1 Rim Type Exit Device





Rim Type Exit Devices

NALRM9800EO36 Alarm Rim Type 36" Door (Panic Grade)

NALRM9820EO48 Alarm Rim Type 48" Door (Panic Grade)

FNALRM980036 Alarm Rim Type 36" Door (Fire Grade)

FNALRM982048 Alarm Rim Type 48" Door (Fire Grade)

Vertical Rod Type Exit Devices

Prefix "NALRM" before MODEL#

Features

- 1, 3, 5-minute and continuous alarm type settings available
- · ON and OFF power switch
- · Alarm sound frequency is 120 db
- Alarm unit has an 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 breached
- 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 micro switch, which monitors the push rail and the latch bolt for foolproof security on rim devices
- · Alarm unit has a signal OC output that can be linked to external alarm control systems
- · Easy removal of the alarm unit without the need to dismount the exit device for battery maintenance
- Unit includes "EMERGENCY EXIT ONLY ALARM WILL SOUND" decal for application on door or unit

Finishes

Cal-Royal	Description	ВНМА	US Finish	Material
Р	Prime Coat	600	USP	Steel
3	Polished Brass, Clear Powder Coat	605	US3	Brass
4	Satin Brass, Clear Powder Coat	606	US4	Brass
9	Polished Bright Bronze	611	US9	Bronze
10	Satin Bronze, Clear Powder Coat	612	US10	Bronze
10B	Oil Rubbed Bronze	613	US10B	Bronze
26	Polished Bright Chrome	625	US26	Brass
26D	Satin Chrome	626	US26D	Brass
32	Polished Bright Stainless	628	US32	Stainless Steel
32D	Satin Stainless	630	US32D	Stainless Steel





Trim Selection CLUTCH CYLINDRICAL LEVER

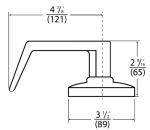
Non-Handed Grade 1 (Clutch Style)

Cylindrical body hardened steel heavy duty tailpiece. For 1 ¾" and 2 ¼" doors. Prefix "THI" before Part # for 2 ¼" door thickness.

Available for Fire and Non-Fire Rated <u>Rim, SVR, and 3-PT Type</u> <u>Exit Devices</u>. Rose diameter 3 ½", lever length 4 ¾". Fits and covers 161 cutout. Finishes: US26D, US26, US3, US4, US10B, US10BE, US1

GN DESIGN ONLY: ENTOOL, ICENTOOL, STRO5L, ICSTRO5L, PAS30L, DUM40L IN US32D FINISH, ALL STAINLESS STEEL EXTERIOR. INCLUDES GRADE 304SS LEVER AND ROSE





ENT00L or

- **\$** ICENT00L or
- & ICSCENT00L4
- **SARICENTOOL** (Sargent)
- **RUSICENTOOL** (Corbin / Russwin)
- **SALICENTOOL** (Yale)

8000K

STR05L or

- ICSTR05L or
- ♣ ICSCSTR05L4
- **SARICSTR05L** (Sargent)
- **& RUSICSTR05L** (Corbin / Russwin)
- **YALICSTR05L** (Yale)

PAS30L

DUM40L

ENTRANCE

Key locks and unlocks lever. Operates as CLASSROOM FUNCTION. ANSI Function (08)

Ball Knob Keylock

STOREROOM

Key operates lever, otherwise always locked. ANSI Function (09)

PASSAGE

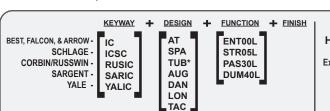
Trim always operable and free. ANSI Function (14)

DUMMY

Dummy trim. One sided ANSI Function (02)

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 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, CORBIN/RUSSWIN, SARGENT and YALE Full Size Format Interchangeable Core



HOW TO ORDER IN LFIC

Example: ICSCENT00L4 US26D in "SPA" design is ICSC<u>SPA</u>ENT00L4 US26D

**Note: Yale LFIC is only available in GN, AT, SPA lever designs | TUB* is only available in SFIC.





Other Lever Trim Designs

SFIC & LFIC



CAL-ROYAL

\$ Available in SFIC & LFIC



Available in SFIC



\$\bigs\text{Available in SFIC & LFIC} \\
*except YALE LFIC



AUG

SFIC & LFIC
*except YALE LFIC



DAN

SFIC & LFIC
*except YALE LFIC



LON

SFIC & LFIC
*except YALE LFIC



TAC



Anti-Microbial Coating available in US26D or US32D Only. Use part # "**ANTB-TRIM**" when ordering.

Trim Selection

HEAVY DUTY STAINLESS STEEL CLUTCH LEVER

ESCUTCHEON (High Frequency Abusive Situation such as Schools, Hospitals, Industrial / Institutional)

CONSTRUCTION

- Clutch mechanism
- Double heavy duty spring support to prevent sagging and enhance operation
- Grade 1, thru-bolted design. Non-handed design.
- All Stainless Steel heavy duty tailpiece.
- Available for Fire and Non-Fire Rated <u>Rim, SVR, and 3-PT</u> Type Exit Devices
- Standard 6-Pin Schlage "C" Mortise Cylinder included

DOOR THICKNESS

Standard 1 3/4" to 2".

For 2" or 2 1/2" thick door use additional Part # TAIL9

ESCUTCHEON DIMENSIONS

2 5/8" width x 10 5/8" length. Lever length: 4 5/8". Fits and covers 2 1/8" 161 cutout

HDESC-00 or SICHDESC-00 ENTRANCE
Clutch Entrance, key locks or unlocks escutcheon trim.
ANSI Function (08)
Operates as classroom function

å ICSCHDTSESC-00

HDESC-05 or STOREROOM

ICHDESC-05
Clutch Storeroom, key unlocks lever, lever retracts latch bolt, otherwise always locked. ANSI Function (09)

SICHDTSESC-05
SICSCHDTSESC-05

HDESC-30 PASSAGE

HDTSESC-30 Trim always operable and free ANSI Function (14)

HDESC-40 DUMMY

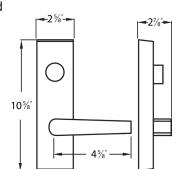
HDTSESC-40 Dummy Escutcheon trim ANSI Function (02)

TO ORDER RL lever design, add "**RL**" after "**HD**" when ordering.

e.g. HDRLESC-00 for HDESC-00 with RL design.

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 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.



HDESC TS RL

Lever Trim

Designs

FOR ELECTRIFICATION OPTION: SPECIFY ITEM # UPON ORDERING

TO ORDER "RL" OR "TS" LEVER DESIGN, REPLACE "HD" WITH "RL" OR "TS".

ITEM#	DESCRIPTION
FS12HD	FAIL-SAFE (FS) OPTION 12V AC / DC
FS24HD	FAIL-SAFE (FS) OPTION 24V AC / DC
FSE12HD	FAIL-SECURE (FSE) OPTION 12V AC / DC
FSE24HD	FAIL-SECURE (FSE) OPTION 24V AC / DC





Anti-Microbial Coating

when ordering.

available in US32D Only. Use part # "ANTB-TRIM"

Trim Selection

RIGID LEVER ESCUTCHEON

CONSTRUCTION

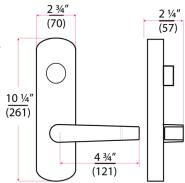
- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolted design. Non-handed design.
- Hardened steel heavy duty tailpiece.
- Available for Fire and Non Fire Rated Rim, SVR, and 3-PT Type Exit Devices.
- Standard 6-Pin Schlage "C" Mortise Cylinder included

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.



Anti-Microbial Coating available in US26D Only. Use part # "ANTB-TRIM" when ordering.

NESC9800 or **ENTRANCE**

\$ ICNESC9800 or Rigid Entrance, key locks or unlocks escutcheon trim ANSI Function (08) Operates as classroom function & ICSCNESC9800

STOREROOM NESC9805 or

Rigid Storeroom, key unlocks lever, lever retracts **\$** ICNESC9805 or

latch bolt, otherwise always locked **\$** ICSCNESC9805

ANSI Function (09)

NESC9830 PASSAGE

Trim always operable and free

ANSI Function (14)

NESC9840 DUMMY

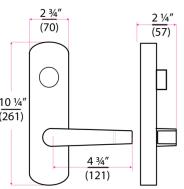
Dummy Escutcheon trim ANSI Function (02)

TO ORDER other lever design insert "AT", "RL", "TUB", "LON", or "TAC" before "ESC": e.g. ATESC9800 for NESC9800 with AT design.

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 A, Yale 8, Yale GA and Kwikset. Can also accept Medeco, Assa, Kaba and Cal-Royal HSK High Security Cylinders.

FOR ELECTRIFIED TRIM OPTIONS SEE PAGE 36

- **2 (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.







Lever Trim

CAL-ROYAL







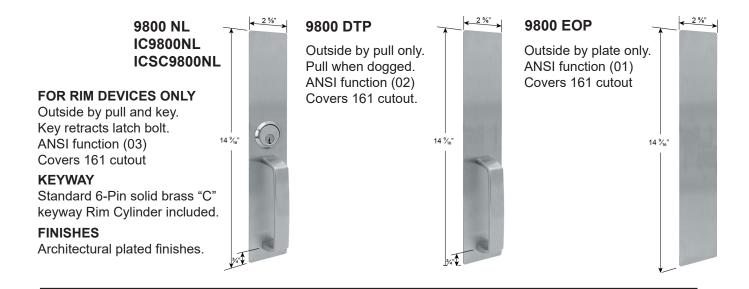




Trim Selection

PULL DESIGN





KEYED DUMMY THUMBPIECE TRIM (OPERATES ON RIM & VERTICAL ROD DEVICES) 98TP-00 or **ENTRANCE 2** IC98TP00 Key locks or unlocks thumbpiece. ♣ ICSC98TP00 (Operates as classroom function) ANSI Function (05) **STOREROOM** 98TP-05 or **\$** IC98TP05 Key unlocks thumbpiece, thumbpiece retracts latch bolt, otherwise always locked. ♣ ICSC98TP05 14 1/2" 14 1/2" ANSI Function (06) 98TP-30 **PASSAGE** Trim always operable and free. ANSI Function (15) 98TP-40 **DUMMY** Dummy trim. Includes blank Mortise dummy cylinder. One sided. ANSI Function (02)

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 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.

FINISHES

Architectural plated finishes.





Electrified Lever Trim



Cal-Royal's electrified lever trim provides remote locking and unlocking capabilities using industry safety standards. The 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

Anti-Microbial Coating

when ordering.

available in US26D Only.
Use part # "ANTB-TRIM"

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

Specifications

Solenoid..... Continuous Duty

Operating Voltage.... Dual 12-24V AC / DC ± 10%

Amperage...... 250mA @ 12V or 150mA @ 24V

Coil Resistance....... $12V = 49\Omega$ or $24V = 159\Omega$

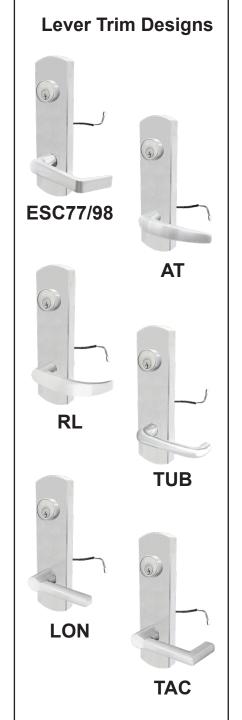
Function..... available Fail Safe, Electrically Locked (EL)

or Fail Secure, Electrically Unlocked (EU)

ITEM#	DESCRIPTION
ESC77/98-EL \$ IC ESC77/98-EL \$ ICSC ESC77/98-EL	EL (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
ESC77/98-EU \$ IC ESC77/98-EU \$ ICSC ESC77/98-EU	EU (Electrically Unlocked, Fail Secure), Voltage: 11-30VDC / 10-24VAC

TO ORDER other design, Insert: "AT", "RL", "TUB", "LON", or "TAC" before "ESC77/98". e.g. ATESC77/98-EL for ESC77/98-EL in AT design

- **(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.







(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.

- Available on 9800 Series, including Rim, Vertical Rod, Concealed Vertical Rod, Mortise Rim Type fire and non fire-rated exit devices
- MM4 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 MM4 module to easily connect to power supply lead
- 3-year "No Hassle" warranty

Specifications:

- Voltage 24 to 28V DC
- System protection unit shutdown when voltage exceeds 28V DC
- Average In-rush Current 900mA; Average Hold Current 215mA
- PTS adjustment approx. 1/4"
- Wire run: 300' with 18ga wire



FOR FIELD INSTALLATION **USE FLR2298 KIT**

To Order:

Must Specify: Exit Device item # and FLR2298 ADD as two separate line items. For Example: A9800EO36 US32D with ELR option, order "A9800EO36 US32D", and "FLR2298 ADD" as two line items.

INSTALLED ON THE EXIT

DEVICE: USE FLR2298 ADD

- *Use FLR2298 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 95-96)**

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:

RX22/98	Request to Exit switch for field installation
LX9800	Latch bolt Monitoring switch for field installation
LXRX9800	Latch bolt Monitoring / Request to Exit Combination





Heavy Duty Digital Exit Trims

CAL-ROYAL PRODUCTS, INC.

2 1/4

MECHANICAL CRCODE101

Features

- Heavy Duty
- Designed for 7700 and 9800 Series Grade 1 Rim and Surface Vertical Rod Type Exit Devices
- Single Code (up to 8000 code combinations)
- Weather-Resistant finish
- Code can be changed anytime without dismounting
- · Full size, Non-Handed
- Easy Installation

ELECTRONIC CRCODE007

Features

- · Dual mode for code free entry either mechanically by key or electronically thru the keypad
- Designed for 7700 and 9800 Series Rim Exit Devices
- 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
- Comes standard with 2 levers (for LH or RH handing)

CR4000 TRILOGY® KEYLESS EXIT TRIM

Features

- Clutch mechanism insures long life and durability
- Fingertip and / or Windows programmable
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time / Date-Stamped Audit Trail
- Up to 500 Lock / Unlock Schedules (with Time Zone Support)
- Rugged 12-Button Metal Keypad
- · Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders
- Battery operated; uses 5 AA batteries
- · Optional Interchangeable Core available with Best, Falcon & Arrow
- Non-Handed; Fully Reversible

MECHANICAL CRCODE204

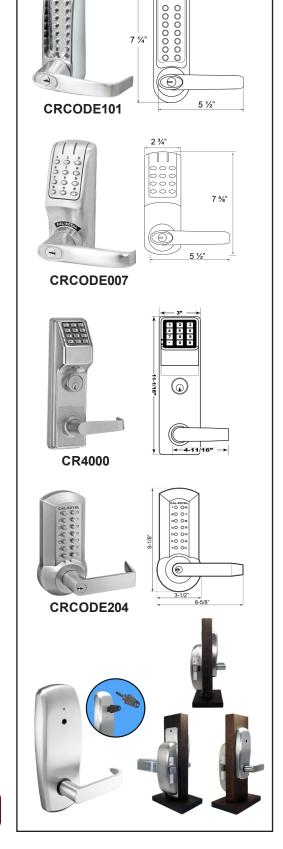
Features

- Breakaway Lever Design
- Easy On-Door Code Change
- Weather Resistant
- · Code-Free Option (Passage)
- 1 12 digit Length Code
- · Thousands of Possible Code Combinations
- Single Code User
- Applications: Offices, Schools, Hospitals, Apartments, Hotels / Motels, Residential, Commercial and Public Buildings
- Door Thickness: 1 ¾" 2"
- · Non-Handed, Fully Reversible

KABA® - Cal-Royal Combination

Cal-Royal's Exit hardware devices combined with Kaba InSync CP provide a variety of alternatives when addressing community access control. Recommended for applications such as controlling building entry openings, common area rooms and doors with exit devices. InSync CP are available as stand-alone battery operated door locks designed to work in conjunction with Cal-Royal's Exit Hardware Devices.

KABA InSync CP is not sold through CAL-ROYAL. For inquiries and information on InSync line of products please visit **www.kabamultihousing.com**



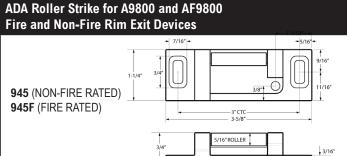




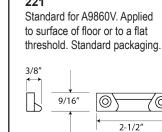
Strikes & Accessories



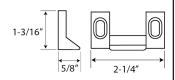
Strike for A9800 Rim Type Exit Device 239 For A9800 surface applied. Standard packaging. 245 For AF9800 surface applied. Standard packaging.



Strikes for use with A9860V Vertical Rod Exit Device All strikes are black nylon coated

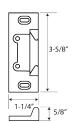


227Applied to surface of stop.
No mortise required.
Standard packaging.

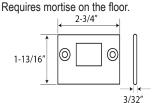


Strikes for use with AF9860V Vertical Rod Fire Exit Device

245For AF9860V surface applied.
Standard packaging.

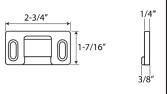


233
Bottom stike. Alternate bottom strike. Flush mounting, stainless steel. Furnished with expansion shields.



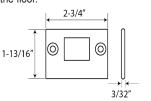
RIM238

Strike for 2 %" Backset Application



233

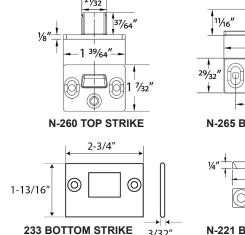
Bottom stike. Alternate bottom strike. Flush mounting, stainless steel. Furnished with expansion shields. Requires mortise on the floor.

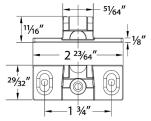


Strikes for N-98GLS-CVR, N-F98GLS-CVR,98GLS-SVR & F98GLS-SVR Fire and Non-Fire Exit Devices

&

Strikes for use with GLS9800 & FGLS9800 Narrow Stile Rim Type Fire and Non-Fire Exit Devices



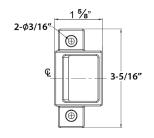


N-265 BOTTOM STRIKE



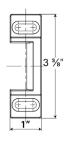
246

Used on frames with blade stop or integral stop. Surfaced applied or mortised. Standard packaging.



247

Applied to surface of stop. No moritse required.

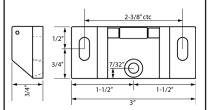




Strikes & Accessories

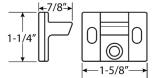


Strikes for 98-3PT & F98-3PT, Fire and Non-Fire Exit Devices



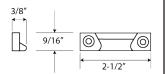
610

Roller Rim Strike, surface applied. Standard Packaging.



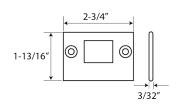
620

Top Strike. Standard packaging.



221

Handicap Bottom Strike. Applied to surface of floor or to a flat threshold. Standard packaging.



233

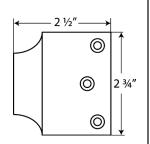
Bottom strike.

Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor.

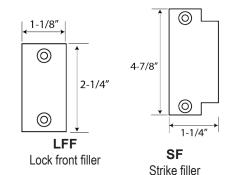
Overlapping Strike

N251

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



Additional Accessories



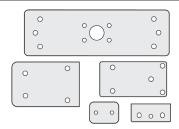
EXTROD66-12

12" Extension Rod for 98-3PT & F98-3PT Type

EXTROD66-24

24" Extension Rod for 98-3PT & F98-3PT Type

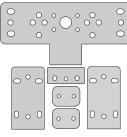
GLASS BEAD SHIM KITS



801 - For Rim type, 1/8" thick

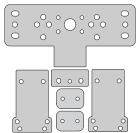
806 - For SVR type, 1/8" thick

812 - For fire rated SVR type, 1/8" thick



806-3

for 98-3PT type, 1/8" thick



812-3

for F98-3PT type, 1/8" thick

CYLINDER DOGGING KITS

TO ORDER: Prefix "CD" before PART #.

Available for all 9800 Series Non-Fire Rated except Surface 3-PT Type Exit Devices. Cylinder dogging with mortise cylinder is located on the mounting insert lock bolt in retracted position.



48CD9800 for 48" devices. Specify finish.

NOTE: Use PART # 48CD9800 for 36" GLS Narrow Stile

Rim Type Non-Fire Exit Devices



CYLINDER DOGGING KIT

- **§** (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.



