### Alarm Exit Hardware

### **GRADE 1 Rim Type Exit Device**







### **Rim Type Exit Devices**

NALRMA9800EO36 Alarm Rim Type 36" Door (Panic Grade)
NALRMA9820EO48 Alarm Rim Type 48" Door (Panic Grade)
FNALRMA980036 Alarm Rim Type 36" Door (Fire Grade)
FNALRMA982048 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 3 ½"
- · 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 ½" 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	BHMA	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





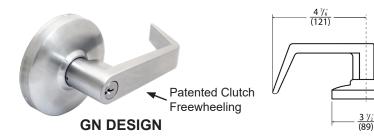
### **CLUTCH CYLINDRICAL LEVER**

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 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

- 2 ICENT00L or
- **♣** ICSCENT00L4
- **SARICENTOOL** (Sargent)
- **8 RUSICENTOOL** (Corbin / Russwin)
- **A YALICENTOOL** (Yale)

8000K

STR05L or

- 2 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)

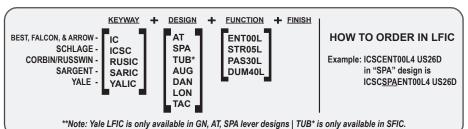
### **PASSAGE**

Trim always operable and free. ANSI Function (14)

Dummy 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.

- **Q (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





### **Other Lever Trim Designs**

28 Available in SFIC & LFIC



**\$8** Available in SFIC & LFIC



2 Available in SFIC



**28** Available in SFIC & LFIC \*except YALE LFIC



**AUG** 

28 Available in SFIC & LFIC \*except YALE LFIC



DAN

**28** Available in SFIC & LFIC \*except YALE LFIC



LON

**\$8** Available in SFIC & LFIC \*except YALE LFIC



TAC



8000K

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





### **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. Easily field reversible
- All Stainless Steel heavy duty tailpiece. Available for fire and non-fire rated rim and vertical rod 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

10%

HDESC-00 or

ICHDESC-00

& ICSCHDESC-00

HDTSESC-00

- **2** ICHDTSESC-00
- **▲** ICSCHDTSESC-00

HDESC-05 or

ICHDESC-05 **♣** ICSCHDESC-05

HDTSESC-05

- **\$** ICHDTSESC-05
- **♣** ICSCHDTSESC-05

HDESC-30

HDTSESC-30

HDESC-40

**PASSAGE** 

**ENTRANCE** 

**STOREROOM** 

Trim always operable and free

Clutch Entrance, key locks or

Operates as classroom function

Clutch Storeroom, key unlocks lever,

lever retracts latch bolt, otherwise always locked. ANSI Function (09)

unlocks escutcheon trim. ANSI Function (08)

ANSI Function (14)

**DUMMY** 

Dummy Escutcheon trim HDTSESC-40

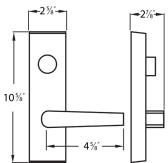
ANSI Function (02)

FOR ELECTRIFIED TRIM **OPTIONS, SEE PAGE 37** 

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** 



**HDTSESC** 



**HDRLESC** 

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





### RIGID LEVER ESCUTCHEON

### CONSTRUCTION

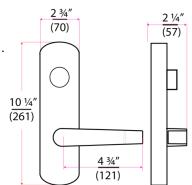
- Rigid, non clutch mechanism.
- Double heavy duty spring support to prevent sagging and enhance operation.
- Grade 1, thru-bolted design. Non-handed design. Easily field reversible.
- Hardened steel heavy duty tailpiece. Available for fire and non fire rated rim and vertical rod exit devices.
- Standard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



in US26D or US32D Only. Use part # "ANTB-TRIM" when ordering.

### NESC9800 or **ENTRANCE**

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

NESC9805 or **STOREROOM** 

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** 

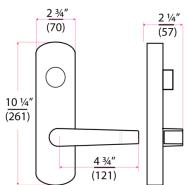
Dummy Escutcheon trim ANSI Function (02)

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 37

- **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** 

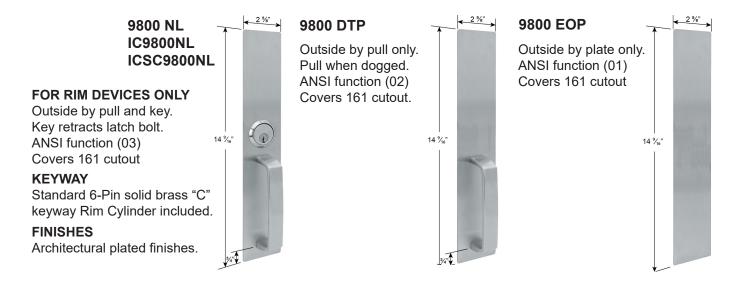
**Designs** 





### **PULL DESIGN**





#### **DUMMY KEYED** THUMBPIECE TRIM (OPERATES ON RIM & VERTICAL ROD DEVICES) 2 %" 98TP-00 or **ENTRANCE 2** IC98TP00 Key locks or unlocks thumbpiece. ♣ ICSC98TP00 (Operates as classroom function) ANSI Function (05) **STOREROOM** 98TP-05 or **2** IC98TP05 Key unlocks thumbpiece, thumbpiece retracts & ICSC98TP05 latch bolt, otherwise always locked. 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.

### **8** (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 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

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

(must specify 12 or 24 volts when ordering)

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

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

To order, Specify:

OPTIONS: FAIL SAFE (FS)

FAIL SECURE (FSE)

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

TO ORDER other design, ADD: "NESC98", "ATESC98", "RLESC98", "TUBESC98", "LONESC98", or "TACESC98" after the Electrification. e.g. FSE24ATESC98 for NESC98 in AT design

**TO ORDER** heavy duty design add **HD, TS, or RL** to Item # e.g. FS12**HD** or FS12**TS** or FS12**RL** 



## **Lever Trim Designs NESC ATESC RLESC TUBESC** LONESC **TACESC HDESC** HDTSESC Anti-Microbial Coating available in US26D or US32D Only. Use part # **ANTB-TRIM** when ordering.





**HDRLESC** 

### (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 9800 Series, including rim, vertical rod, concealed vertical rod, mortise exit device, fire and non fire-rated 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. ¼"
- · 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 3<sup>rd</sup> 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:

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**



### **MECHANICAL CRCODE101**

#### **Features**

- Heavy Duty
- Designed for 6600, 7700 and 9800 Series
- Grade 1 Rim and Surface Vertical Rod Exit Devices
- Single Code (up to 8000 code combinations)
- Weather-Resistant finish
- · Code can be changed anytime without dismounting
- · Full size, Non-Handed lever handle
- Easy Installation
- · Reversible Handing

### **ELECTRONIC CRCODE007**

### **Features**

- · Dual mode for code free entry either mechanically by key or electronically thru the keypad
- Designed for 6600, 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

### 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
- Non-Handed; Fully Field Reversible
- 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

### **MECHANICAL CRCODE204**

#### Features

- Breakaway Lever Design
- Easy On-Door Code Change
- Weather Resistant
- Code-Free Option (Passage)
- Non-Handed
- 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 3/4" 2"

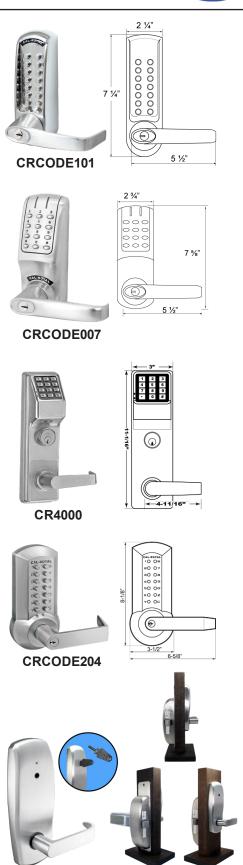
### KABA® - Cal-Royal Combination

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** 







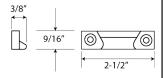
### **Strikes & Accessories**



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

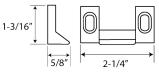
#### 221

Standard for A9860V. Applied to surface of floor or to a flat threshold. Standard packaging.



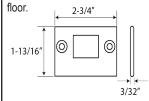
#### 227

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



#### 233

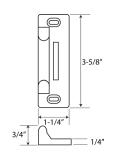
Bottom stike. Alternate bottom strike. Flush mounting, stainless steel. Furnished with expansion shields. Requires mortise on the



### Strikes for use with A9800 Rim **Type Exit Device**

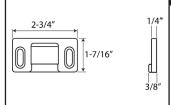
#### 239

For A9800 surface applied. Standard packaging.



#### **RIM238**

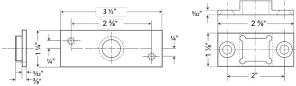
Strike for 2 3/8" Backset Application



### Strikes for FMCVR9800, MCVR9800, WCVR9800, FWCVR9800, GLSCVR9800 Fire and Non-Fire Exit Devices

### **260 TOP STRIKE**

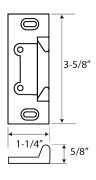




Strikes for use with GLS9800

### Strike for use with AF9800 Rim **Type Fire Exit Device**

For AF9800 surface applied. Standard packaging.



### Strikes for use with AF9860V Vertical Rod **Fire Exit Device**

### **Narrow Stile Exit Device**

### 247

Applied to surface of stop. No moritse required.

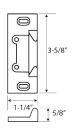
# 3 %"

### ADA Roller Strike for A9800, AF9800, A9860V, and AF9860V Fire and **Non-Fire Exit Devices**

# 5/16" ROLLER 3/16 945 (NON-FIRE RATED)

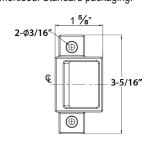
### 245

For AF9860V surface applied. Standard packaging.



### 246

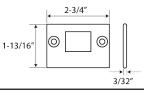
Used on frames with blade stop or integral stop. Surfaced applied or mortised. Standard packaging.



### **Overlapping Strikes**

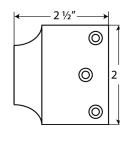
### 233

Bottom strike for AF9860V. Flush mounting stainless steel. Furnished with expansion shields. Requires mortise in the floor. Standard packaging



### N251

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







945F (FIRE RATED)

### **Accessories**



