

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
- Requires additional door prep for **NESC22**
- No Hassle 3-Year Warranty

Specifications

Solenoid..... Continuous Duty
 Operating Voltage..... 11-30VDC / 10-24VAC
 Amperage..... 330mA @ 11V or 140mA @ 30V
 Coil Resistance..... 8.2 Ω
 Function..... Available Fail Safe, Electrically Locked (**EL**)
 or Fail Secure, Electrically Unlocked (**EU**)

ITEM#	DESCRIPTION
ESC77/98-EL ● ICESC77/98-EL ● ICSCESC77/98-EL	EL (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
ESC77/98-EU ● ICESC77/98-EU ● ICSCESC77/98-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. ATEESC77/98-EL for ESC77/98-EL in AT design	

ITEM#	DESCRIPTION
NESC22-EL ● ICNESC22-EL ● ICSCNESC22-EL	EL (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
NESC22-EU ● ICNESC22-EU ● ICSCNESC22-EU	EU (Electrically Unlocked, Fail Secure), Voltage: 11-30VDC / 10-24VAC

● **(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



ESC77/98

AT



RL

TUB



LON

TAC

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



NESC22

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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 = 49Ω or 24V = 159Ω


To order, Specify:

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


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

TO ORDER "RL" or "TS" lever design,
 Replace "HD" with "TS", or "RL" to Item # when ordering.
 e.g. FS12HD or FS12TS or FS12RL.


Lever Trim Designs



HDESC



TS



RL

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

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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..... 11-30VDC / 10-24VAC
 Amperage..... 330mA @ 11V or 140mA @ 30V
 Coil Resistance..... 8.2 Ω
 Function..... Available Fail Safe, Electrically Locked (**EL**)
 or Fail Secure, Electrically Unlocked (**EU**)

ITEM#	DESCRIPTION
N-CVRESC-EL ● N-ICCVRESC-EL ● N-ICSCCVRESC-EL	EL (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
N-CVRESC-EU ● N-ICCVRESC-EU ● N-ICSCCVRESC-EU	EU (Electrically Unlocked, Fail Secure), Voltage: 11-30VDC / 10-24VAC

TO ORDER other design,
 Add: "AT", "RL", "TUB", "LON", or "TAC" before "CVRESC".
 e.g. N-ATCVRESC-EL for N-CVRESC-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.

Lever Trim Designs



N-CVRESC



AT



RL



TUB



LON



TAC

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

**Electrified Mortise Lock Case for
 GRADE 1 N-MR7700 & N-MR9800 Mortise Lock Exit Devices**



Features

- Continuous duty solenoids used to insure trouble-free operation
- Internally mounted solenoid to ease installation (No special door prep required)
- Bridge rectifier supplied for AC applications
- No Hassle 3-Year Warranty
- Handed; Specify LHR or RHR for convenience

Specifications

Solenoid..... Continuous Duty
 Operating Voltage..... 11-30VDC / 10-24VAC
 Amperage..... 330mA @ 11V or 140mA @ 30V
 Coil Resistance..... 8.2 Ω ± 10%
 Function..... Available Fail Safe, Electrically Locked (EL)
 or Fail Secure, Electrically Unlocked (EU)



**Electrified
 Mortise Lock Case**

**Must be used with N-MRESC Trim,
 (TRIMS SOLD SEPARATELY)*

	ITEM#	DESCRIPTION
NON-FIRE	N-MR-EL	EL (Electrically Locked, Fail Safe), Voltage 11-30VDC / 10-24VAC
	N-MR-EU	EU (Electrically Unlocked, Fail Secure), Voltage 11-30VDC / 10-24VAC
FIRE RATED	N-FMR-EL	EL (Electrically Locked, Fail Safe), Voltage 11-30VDC / 10-24VAC
	N-FMR-EU	EU (Electrically Unlocked, Fail Secure), Voltage 11-30VDC / 10-24VAC