

ESC77/98 & NESC22

ELECTRIFIED EXIT TRIMS FOR 7700, 9800, 2200 SERIES

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

Coil Resistance...... 8.2 Ω

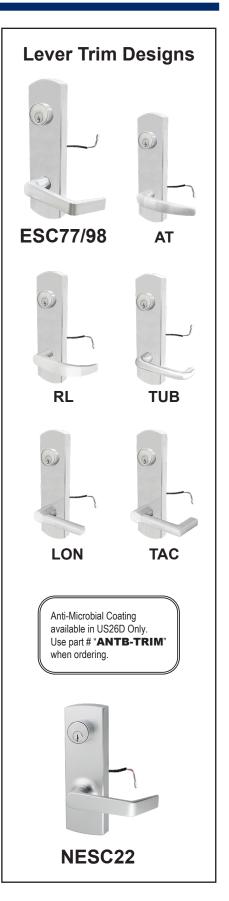
Function...... Available Fail Safe, Electrically Locked (EL) or Fail Secure, Electrically Unlocked (EU)

ITEM#	DESCRIPTION
ESC77/98-EL \$ ICESC77/98-EL \$ ICSCESC77/98-EL	EL (Electrically Locked, Fail Safe), Voltage: 11-30VDC / 10-24VAC
ESC77/98-EU \$ 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

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

- 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.







EXIT DEVICES EXIT TRIMS FOR 7700 & 9800 SERIES

HDESC ELECTRIFIED

EXIT DEVICES, ANSI GRADE 1

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 = 49Ω or $24V = 159\Omega$

To order, Specify:

OPTIONS: FAIL SAFE (FS)

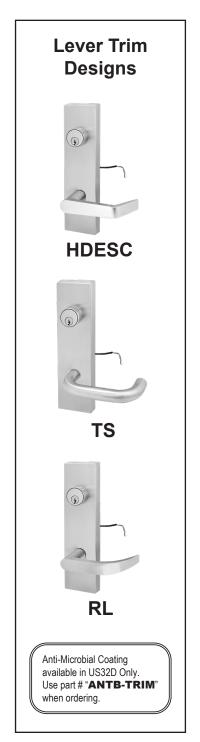
FAIL SECURE (FSE)

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.





N-CVRESC ELECTRIFIED

EXIT TRIMS FOR 7700 & 9800 SERIES EXIT DEVICES, ANSI GRADE 1

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

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)

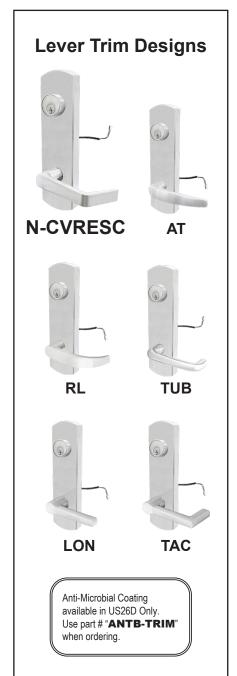
or Fail Secure, Electrically Unlocked (**EU**)

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.





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 $\Omega \pm 10\%$

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

or Fail Secure, Electrically Unlocked (EU)



*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
NON	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