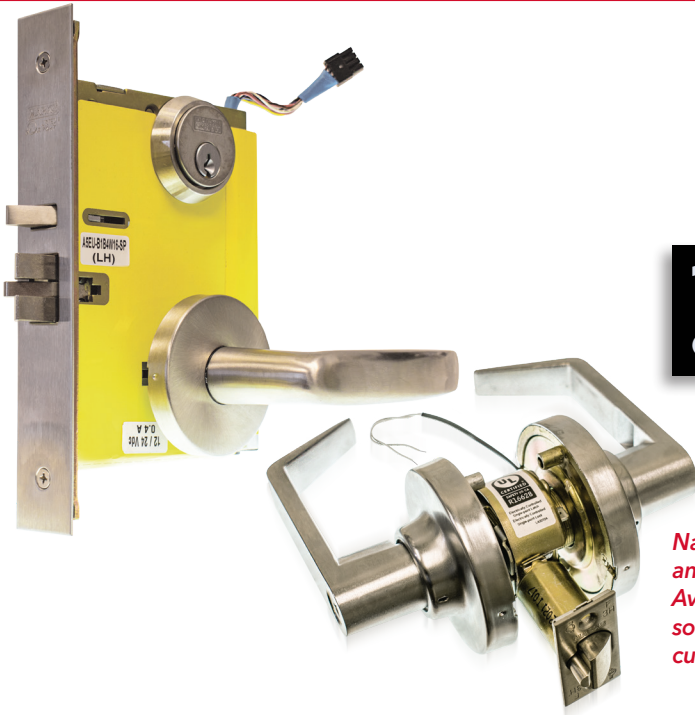




# NAPCO BLACK BOX™ PROGRAM FOR OEM APPLICATIONS



## 195 SERIES ELECTRIFIED CYLINDRICAL & MORTISE LOCKS

*Napco Black Box™ Series multipurpose electrified locks offer various functions and finishes for a variety of OEM access control & security applications. Available in both mortise and cylindrical lock types, in 12 or 24 VDC, utilizing solenoid actuators and bridge rectifiers (supplied) for use with either AC or DC current. Some also feature integrated Request to Exit.*

### Features

- **Flexibility in ease of installation.** These locks can offer dramatic savings in time and labor over electric strikes, and a cleaner installation, by wiring directly through the hinges.
- **Mortise models provide better security, with various modes of operation and lock information** i.e., Request to Exit switch (REX), key override switch &/or latch bolt sensor
- **Concealed latches for greater security** - Electrified mortise or cylindrical models are more secure than electric strikes, that have exposed latch keeper
- **Fail-Safe or Fail-Secure Models** - Ideal for stairwell doors with fire alarm system integration. (Choose EU Fail Secure, Electrically Unlocked or EL Fail Safe, Electrically Locked)

### Electrified Cylindrical Leversets

- **Durable Grade 1 Models for electrical locking, unlocking, storeroom function with optional built-in Request to Exit function**
- **The "Clutch™" for trouble free service** - When locked, the Clutch disengages the outside lever, allowing it to turn freely without opening the latch, greatly increasing its durability and strength
- **Choice of Levers** - American (195) and Crescent (295) style levers with return; Titan (495) without return
- **Fail-Safe or Fail-Secure Models** - Ideal for stairwell doors with fire alarm system integration and more. Choose EU Fail Secure, Electrically Unlocked or EL Fail Safe, Electrically Locked) 100% duty cycle, 12VDC or 24VDC supplied with supplied with bridge rectifier for 24VAC
- **Myriad Options for cylinders, functions & finishes.** Hi-Security™, Conventional, IC core for Best™ size cores, Schlage™, Yale™, Medeco™ as well as others. Architectural finishes US 3, 4, 10, 10B, 26, 26D
- **Easy Electrified installation**
- **Code-Compliant** - Grade 1, ADA compliant, ANSI/BHMA Spec 156.2 Series 4000; UL Listed for 3 hour fire rating

- **Cylindrical Models with Long-Life Stainless Steel Retractor**
- **Mortise Model with Quick Connect Harness**, with 2 convenient plug-in connectors for easy, quick wiring. One is always used; the second optional plug-in connector is used only with key position sensor.
- **Request to Exit & Latch Bolt-monitored options.** Are frequently chosen, for example, to integrate with enterprise access control and/or other OEM applications
- **12VDC & 24 VDC compatible (AC rectifier module supplied)**
- Mortise Low operating current for cool running (265 mA 12VDC; 150mA 24VDC)
- **Meet or Exceed ANSI/BHMA A156.13 Grade 1**

- Standard 2-3/4" backset; 2-3/8", 3-3/4" & 5" optional. Door thickness 1-5/8 to 1-7/8".
- Strike #1135, 4-7/8" ASA curved lip

### Napco Black Box™ Series Cylindrical Leversets w/Built-In Request to Exit

*All the features above, plus with integral request to exit (REX) switch, ideal for access control applications. Activating the inside lever for egress initiates the built-in REX output, providing a momentary signal for the access control REX input for alarm shunt during egress.*

- Electrical Spec: Single pole, double throw 3A, 125 AC wired NO or NC



**Electrified Mortise Locks**

These Mortise Locks deliver additional safety, security, and convenience. Different electrified options allow integration to fire alarms, networked access control systems while preserving the durability and reliability that makes them and other OEM applications a leading choice for high traffic applications.

- Mortise locks support 12VDC or 24VDC source, powered from a power supply or control panel
- Provision for up to 3 separate sensors: A key position sensor, a request to exit sensor, and a latch thrown/retracted sensor

- **Fail-Safe or Fail-Secure Models** - Ideal for stairwell doors with fire alarm system integration. (Choose EU Fail Secure, Electrically Unlocked or EL Fail Safe, Electrically Locked)
- **Myriad Options for cylinders, IC core housings, functions, finishes,** US 3, 4, 10, 10B, 26, 26D
- **Intrusion System Applications** - Exit sensors can signal to unlock the door and bypass the intrusion alarm on the door.
- **Electrically-controlled mortise lock** allows external control of the lock.

**Specifications & Ordering Information**

**Mortise Models Specifications**

- Backset: 2-3/4" Backset ONLY
- Bolt: 1" Stainless steel bolt throw
- Latch: 3/4" Latch throw (anti-friction) cam; 1/2" Aux. latch throw
- Case: Stamped steel case .090 thick., Zinc dichromate finish
- 1-1/4" x 8" Lock front, Adjustable bevel
- Sintered Steel hubs, 9/32" on diamond, 5/16" on square w/ security separator
- 100% Duty Cycle 24V/DC, 12V/DC Optional supplied with bridge rectifier (350 mA)

**Weight, Lock Body** ..... 2.5lbs

**Operating Current:**

12V system ..... 265mA (typical)  
 24V system ..... 150mA (typical)

**Startup Current:**

12V or 24V system ..... 400mA (typical)  
 Used w/AC to DC Rectifier, Maximum Rectifier Current ..... 1A

**Temperature:**

Operating: ..... -20°C to 60°C (-4°F to 140°F)  
 Storage: ..... -40°C to 85°C (-40°F to 185°F)

**Wire Gauge Chart:**

The maximum length of each power wire based on gauge (for either 12V or 24V power):

- #22 AWG - 150 feet maximum per wire
- #20 AWG - 250 feet maximum per wire
- #18 AWG - 400 feet maximum per wire
- #16 AWG - 600 feet maximum per wire

**Cylindrical Models Specifications**

- Backsets: 2-3/4", 2-3/8", 3-3/4", 5"
  - Latch #1834, Front: 1-1/8" x 2-1/4"; Throw: 9/16"; Stainless steel nose
  - Levers: Solid cast Zamac w/ 1/2" return (195 and 295 only)
  - Rose: Thru-bolted, 3-7/16" dia., spring loaded 2-#10 thru-bolts
  - Strike: #1135, 4-7/8" ASA curved lip
  - Door thickness: 1-5/8" to 1-7/8" (For 1-3/8" door use K1704 spacer)
  - Cylinder: Marks "C" keyway, 6 pin w/ 2 keys or IC Core housing
- Weight:** ..... 6lbs
- **Electrified functions** - 100% duty cycle, 24V/AC supplied with bridge rectifier; 24V/DC, .21 Amps
  - **Electrical, REX Models** - Single pole, double throw 3A, 125 AC wired NO or NC

**Temperature:**

Operating: ..... -20°C to 60°C (-4°F to 140°F)  
 Storage: ..... -40°C to 85°C (-40°F to 185°F)

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**Cylindrical Ordering Info:**

- **195FEL26D** - Electrically-Locked Grade 1 Cylindrical Lockset, 26D
- **195FEU26D** - Electrically-Unlocked Grade 1 Cylindrical Lockset, 26D



American Lever 195



Crescent Lever 295



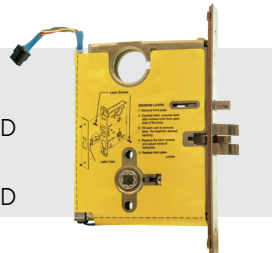
Titan Lever 495

**AVAILABLE IN AN ARRAY OF FINISHES**



**Mortise Ordering Info:**

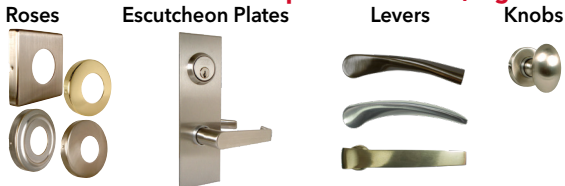
- **195FEL26DW10** - Electrically-Locked Mortise Lock w/Request to Exit Switch, 26D
- **195FEU26DW10** - Electrically-Unlocked Mortise Lock w/Request to Exit Switch, 26D



**Mortise Lock Options:**

- Request to Exit Switch ..... Code W10
- Key Override Sensor ..... Code W11
- Request to Exit Switch Key Sensor & Latch Bolt Sensor ..... Code W13
- Bolt Sensor ..... Code W14
- Latch Sensor ..... Code W15

**Numerous Mortise Trim Options Available, e.g.:**



For more information on customizable trims, finishes and OEM ordering assistance, please contact your local sales representative

