# CAL-ROYAL
### P R O D U C T S , I N C . U.S.A.

# LOCKSETS

**SC400 SERIES**
ELECTRIFIED MORTISE LOCKS
ANSI GRADE 1

# SC400 Series

**RETROFITS SCHLAGE L9000**
*( direct chassis replacement )*

## ELECTRIFIED MORTISE LOCKS

Available with or without deadbolt

### FEATURES:

○ UL & CUL Listings; ANSI BHMA A156.25 Certified
○ Continuous duty solenoids for cooler operation
   during "continuously on" applications
○ Allows for an AC or DC power source through an
   appropriate power supply. No polarity.
○ Low current draw
○ Numerous switch options
○ 3 year "No Hassle" warranty

### OPTIONS:

○ Voltage requirement -12V AC / DC or 24V AC / DC
○ Amperage - 600mA ±10% @ 12V or
              300mA ±10% @ 24V
○ Solenoid coil resistance - 12V = 20 Ω ±5% or
              24V = 80 Ω ±5%
○ Power consumption - 7.2 watts ±10%
○ Function – available Fail Safe, "Electrically Locked" (**EL**)
        or Fail Secure, "Electrically Unlocked" (**EU**)

**HOW TO ORDER ELECTRIFIED SC400 SERIES**
• Use **SC Models** if ordered as an **ELECTRIFIED LOCK CASE ONLY**.
• Use **ESC Models** if ordered as a complete lock **with ADD-ON list price**.
Must Specify: SC Series item # and Electrification Option
        ( refer to table below ) separately.
For Example: SC8080SS US26D with ESC400 ( EL 12V ) option,
**Order: SC8080SS US26D** and **ESC400 as two line items.**

► **RX** – Request to Exit Switch (Monitors the inside handle)
► **LBM** – Latch Bolt Monitoring Switch (Monitors the position
        of latch bolt)
► **DPS** – Door Position Switch
        (*Sold Separately. Not installed on the lock.)

**REFER TO PRICELIST
FOR STOCK FINISHES AND FUNCTIONS**

| ELECTRIFICATION OPTIONS ( WITHOUT DEADBOLT ) | | | | | | | ELECTRIFIED LOCK CASE ONLY |
|---|---|---|---|---|---|---|---|
| MODEL # | EL | EU | 12 | 24 | RX | LBM | MODEL # |
| ESC400 | ✓ | | ✓ | | | | SC400 |
| ESC400-RX | ✓ | | ✓ | | ✓ | | SC400-RX |
| ESC400-LBM | ✓ | | ✓ | | | ✓ | SC400-LBM |
| ESC400-RXLBM | ✓ | | ✓ | | ✓ | ✓ | SC400-RXLBM |
| ESC404 | ✓ | | | ✓ | | | SC404 |
| ESC404-RX | ✓ | | | ✓ | ✓ | | SC404-RX |
| ESC404-LBM | ✓ | | | ✓ | | ✓ | SC404-LBM |
| ESC404-RXLBM | ✓ | | | ✓ | ✓ | ✓ | SC404-RXLBM |
| ESC408 | | ✓ | ✓ | | | | SC408 |
| ESC408-RX | | ✓ | ✓ | | ✓ | | SC408-RX |
| ESC408-LBM | | ✓ | ✓ | | | ✓ | SC408-LBM |
| ESC408-RXLBM | | ✓ | ✓ | | ✓ | ✓ | SC408-RXLBM |
| ESC412 | | ✓ | | ✓ | | | SC412 |
| ESC412-RX | | ✓ | | ✓ | ✓ | | SC412-RX |
| ESC412-LBM | | ✓ | | ✓ | | ✓ | SC412-LBM |
| ESC412-RXLBM | | ✓ | | ✓ | ✓ | ✓ | SC412-RXLBM |

| ELECTRIFICATION OPTIONS ( WITH DEADBOLT ) | | | | | | | ELECTRIFIED LOCK CASE ONLY |
|---|---|---|---|---|---|---|---|
| MODEL # | EL | EU | 12 | 24 | RX | LBM | MODEL # |
| ESC416 | ✓ | | ✓ | | | | SC416 |
| ESC416-RX | ✓ | | ✓ | | ✓ | | SC416-RX |
| ESC416-LBM | ✓ | | ✓ | | | ✓ | SC416-LBM |
| ESC416-RXLBM | ✓ | | ✓ | | ✓ | ✓ | SC416-RXLBM |
| ESC420 | ✓ | | | ✓ | | | SC420 |
| ESC420-RX | ✓ | | | ✓ | ✓ | | SC420-RX |
| ESC420-LBM | ✓ | | | ✓ | | ✓ | SC420-LBM |
| ESC420-RXLBM | ✓ | | | ✓ | ✓ | ✓ | SC420-RXLBM |
| ESC424 | | ✓ | ✓ | | | | SC424 |
| ESC424-RX | | ✓ | ✓ | | ✓ | | SC424-RX |
| ESC424-LBM | | ✓ | ✓ | | | ✓ | SC424-LBM |
| ESC424-RXLBM | | ✓ | ✓ | | ✓ | ✓ | SC424-RXLBM |
| ESC428 | | ✓ | | ✓ | | | SC428 |
| ESC428-RX | | ✓ | | ✓ | ✓ | | SC428-RX |
| ESC428-LBM | | ✓ | | ✓ | | ✓ | SC428-LBM |
| ESC428-RXLBM | | ✓ | | ✓ | ✓ | ✓ | SC428-RXLBM |

► *Electrified Mortise Lock Case can be purchased separately. Refer to table above for options*

# CAL-ROYAL
### P R O D U C T S , I N C . U.S.A.

# LOCKSETS

**SC400 SERIES**
ELECTRIFIED MORTISE LOCKS
ANSI GRADE 1

# SC400 Series

## ELECTRIFIED MORTISE LOCKS

Available with or without deadbolt

**NEW PRODUCT**

**RETROFITS SCHLAGE L9000**
*( direct chassis replacement )*

### NEW ALL-IN-ONE FEATURE
*( Universal Dual Voltage 12 to 24 VDC, Field Convertible EL to EU & Vice Versa )*

## FEATURES:

○ UL & CUL Listings; ANSI BHMA A156.25 Certified
○ Continuous duty solenoids for cooler operation during "continuously on" applications
○ Power Source: DC
○ Low current draw
○ Numerous switch options
○ 1 year "No Hassle" warranty
○ Voltage requirement -dual voltage 12-24V DC
○ Amperage - 300mA @ 12V
○ Solenoid coil resistance - 12V = 41 Ω
○ Power consumption - approx. 7.2 watts = 24V
　　　　　　　　　　 approx. 3.6 watts = 12V
○ Function – available Fail Safe, "Electrically Locked" (**EL**)
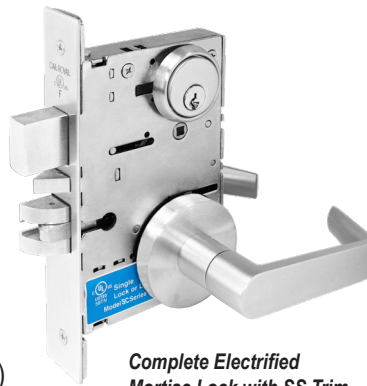　　　　or Fail Secure, "Electrically Unlocked" (**EU**)

## OPTIONS:

▶ **RX** – Request to Exit Switch (Monitors the inside handle)
▶ **LBM** – Latch Bolt Monitoring Switch (Monitors the position of latch bolt)
▶ **DPS** – Door Position Switch
　　　(*Sold Separately. Not installed on the lock.)

*Complete Electrified Mortise Lock with SS Trim*

*Complete Electrified Mortise Lock with SE Trim*

**REFER TO PRICELIST FOR STOCK FINISHES AND FUNCTIONS**

## ELECTRIFIED MORTISE LOCK WITH SS TRIM

### ELECTRIFICATION OPTIONS ( WITHOUT DEADBOLT )

| MODEL # | EL / EU | 12-24V | RX | LBM |
|---|---|---|---|---|
| SC450-SS | ✓ | ✓ | | |
| SC460-RX-SS | ✓ | ✓ | ✓ | |
| SC470-LBM-SS | ✓ | ✓ | | ✓ |
| SC480-RXLBM-SS | ✓ | ✓ | ✓ | ✓ |

### ELECTRIFICATION OPTIONS ( WITH DEADBOLT )

| MODEL # | EL / EU | 12-24V | RX | LBM |
|---|---|---|---|---|
| SC455-SS | ✓ | ✓ | | |
| SC465-RX-SS | ✓ | ✓ | ✓ | |
| SC475-LBM-SS | ✓ | ✓ | | ✓ |
| SC485-RXLBM-SS | ✓ | ✓ | ✓ | ✓ |

## ELECTRIFIED MORTISE LOCK WITH SE TRIM

### ELECTRIFICATION OPTIONS ( WITHOUT DEADBOLT )

| MODEL # | EL / EU | 12-24V | RX | LBM |
|---|---|---|---|---|
| SC450-SE | ✓ | ✓ | | |
| SC460-RX-SE | ✓ | ✓ | ✓ | |
| SC470-LBM-SE | ✓ | ✓ | | ✓ |
| SC480-RXLBM-SE | ✓ | ✓ | ✓ | ✓ |

### ELECTRIFICATION OPTIONS ( WITH DEADBOLT )

| MODEL # | EL / EU | 12-24V | RX | LBM |
|---|---|---|---|---|
| SC455-SE | ✓ | ✓ | | |
| SC465-RX-SE | ✓ | ✓ | ✓ | |
| SC475-LBM-SE | ✓ | ✓ | | ✓ |
| SC485-RXLBM-SE | ✓ | ✓ | ✓ | ✓ |