Installation Instructions
CLN70/80/94/96

COMMAND ACCESS
T E C H N O L O G I E S

Schlage Lock modified by Command Access Technologies

STEP 1: The door must be machined with a 3/8" wire raceway, cylindrical lock pocket & prepped for a energy transfer hinge. **Make sure the cylindrical pocket is free of debris.**
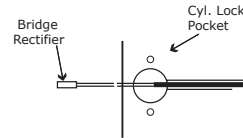

Cyl. Lock Pocket
ETH Hinge Pocket
3/8 Wire Raceway
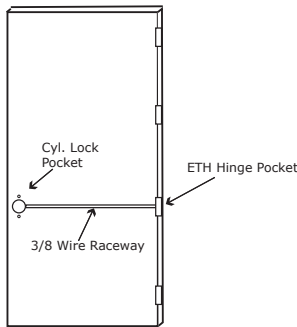
STEP 2: Run the wires from the ETH hinge through the 3/8" raceway starting at the ETH hinge & exiting into the lock pocket.

Cyl. Lock Pocket
3/8 Wire Raceway
Wire Transfer Hinge
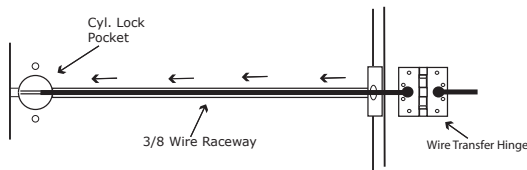
STEP 3: Screw the ETH hinge to the door. At this time **DO NOT** connect the hinge wires on the jamb side to the wires coming from the power supply.

STEP 4: Connect the wires exiting the lock pocket to the Bridge Rectifier (included).

Bridge Rectifier
Cyl. Lock Pocket

STEP 5: Connect the Bridge Rectifier to the plug exiting the cylindrical chassis.

Bridge Rectifier
Cyl. Lock Pocket
Plug
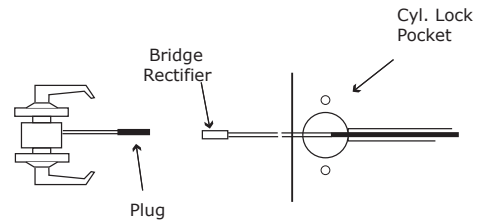
STEP 6: Carefully slip the connected cylindrical lock chassis into the lock pocket paying close attention not to pinch any wires.

STEP 7: Mount the cylindrical lock per manufacturer's instructions.

STEP 8: Connect the wires from the power supply at the ETH hinge on the jamb side. Connect the hinge to the jamb.

LEGEND OF TERMS

EU: (Fail Secure) When power is applied, the outside trim will unlock. When power is removed, the outside trim is locked.

EL: (Fail Safe) When power is applied, the outside trim will lock. When power is removed, the outside trim is unlocked.

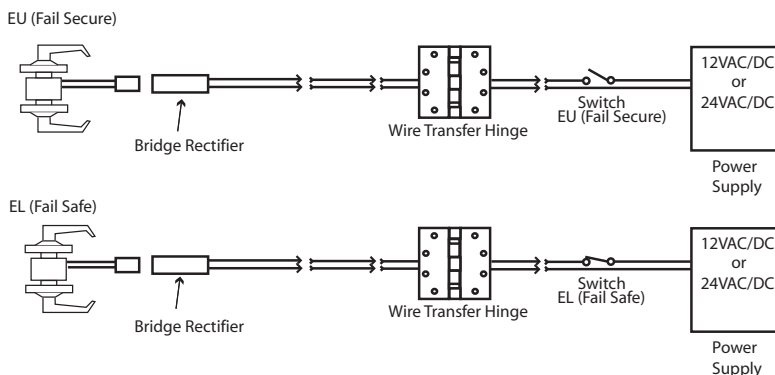**REX**: (Request to Exit Switch) Monitors the inside handle.

EU (Fail Secure)
Bridge Rectifier
Wire Transfer Hinge
Switch EU (Fail Secure)
12VAC/DC or 24VAC/DC
Power Supply

EL (Fail Safe)
Bridge Rectifier
Wire Transfer Hinge
Switch EL (Fail Safe)
12VAC/DC or 24VAC/DC
Power Supply

ELECTRICAL SPECIFICATIONS

SOLENOIDS:

VOLTS	CURRENT	COIL RESISTANCE
24VAC/DC	150mA	159 Ohms +/- 10%
12VAC/DC	250mA	38 Ohms +/- 10%

SWITCHES: .25A 24VAC/DC

REX: White - Common (C)
Blue - Normally Open (NO)
Black - Normally Closed (NC)

SEE BACK FOR REX TEMPLATE

Template for Schlage CLN70/80/94/96 Cylindrical Locks

Edge of door

5/16" diameter
through hole

For REX Prep:
1-3/8" deep on
interior side only

1-3/8"

2-1/8" diameter
through hole for
interior side only

7/16" diameter

C
L

1-3/8"

7/16" wide x
1-3/8 deep

5/16" diameter
through hole

Edge of door

2.75"

4.03125"